BULLETIN

OF

LAKE

FOREST

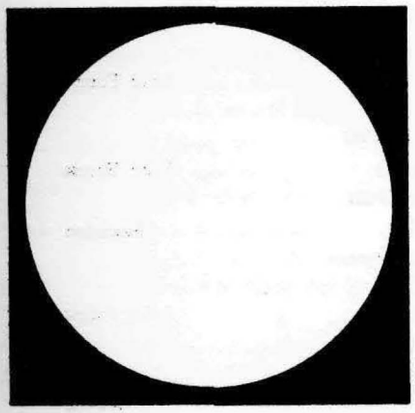
COLLEGE

CATALOG

ISSUE

1961-1962

LAKE FOREST COLLEGE ACCEPTS AS ITS PRIMARY PURPOSE THE CULTIVATION OF THE MIND IN ITS ABILITY TO ABSTRACT, TO JUDGE, AND TO REASON SO THAT THE STUDENT MAY GROW IN UNDERSTANDING, INSIGHT, AND WISDOM.



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*Leave of Absence, 1961-62.
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†Evening Session
‡Part-time

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MINERVA PINNELL, B.F.A., University of Illinois; M.A., Ph.D., Radcliffe College.
Assistant Professor of Art.

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General Policies: Mr. Dilkey (Chairman), Mr. Cole, Mr. Dunn, Mr. Hantke, Mr. Hartzo, Mr. Louch, Mr. William Martin, Mr. Reichert, Mr. Voss.

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†Evening Session

LAKE FOREST COLLEGE

Lake Forest College began in the inspiration of a score or more pioneer citizens of Chicago. They were vigorous and progressive business men who played an important part in shaping the early mercantile history of Chicago, and whose sturdy Presbyterianism was characterized by the same qualities.

In the early eighteen-fifties a number of these leading members of the Second Presbyterian Church saw the need for an institution near Chicago in which young men might be trained for the ministry. It was the impressive beauty of the unbroken forest on the present site of the College, traversed by ravines and with a high bluff facing Lake Michigan, that led to its choice as the location of the projected university.

It was on February 13, 1857, that the legislature of the State of Illinois granted a charter to the trustees of Lind University, as the College was then called. On February 16, 1865, the name was changed to Lake Forest University. It is under this charter that Lake Forest continues its corporate existence.

The Presidents of Lake Forest College

Robert W. Patterson	1875-1877
Daniel S. Gregory	1878-1886
William C. Roberts	1886-1892
John Merle Coulter	1893-1896
James G. K. McClure	1897-1901
Richard Davenport Harlan	1901-1906
John Scholte Nollen	1907-1921
Herbert McComb Moore	1921-1942
Ernest A. Johnson	1942-1959
William Graham Cole	1960

PURPOSE

Lake Forest College supports the principle that each person is entitled to be liberally educated to the extent of his ability and that a democratic society has an obligation to provide this kind of education through private as well as public schools.

Lake Forest College accepts as its primary purpose the cultivation of the mind in its ability to abstract, to judge, and to reason so that the student may grow in understanding, insight, and wisdom. This kind of education is intended to create in each student an intense love of learning and a high level of competence in order that self-motivated and self-directed learning will continue throughout life. The College, founded in the Christian tradition, further believes that education in the liberal arts and sciences, pursued in a Christian atmosphere, is the best preparation for responsible citizenship.

ACCREDITATION

Lake Forest College provides basic training for graduate and professional schools. It is fully accredited by the North Central Association of Colleges and Secondary Schools and by the University of Illinois. It is on the approved list of the Association of American Universities and of the American Association of University Women. It holds membership in the leading educational organizations.

THE LIBRARY

The Arthur Somerville Reid Memorial Library, a gift of Mrs. Simon S. Reid, has attractive reading rooms and a wing equipped with modern steel stacks accommodating the library's collection of over sixty-six thousand books and periodicals. The students are given instruction in the use of library materials so that they may make the best use of the facilities provided in the library during their years at college and may understand and utilize any library resources available to them in pursuing their interests after college.

Throughout the years the College has received valuable collections. The Leverton collection of drama, the gift of Mr. Garrett Leverton, a former member of the faculty, contains 3,300 volumes providing excellent coverage of the fields of drama and the theatre and including a number of first editions and typescripts. The Alfred E. Hamill library, 6,300 volumes of Mr. Hamill's personal collection of fine editions and unusual bindings, was acquired in 1954. The acquisition features the fine arts and English literature in particular.

CULTURAL ACTIVITIES

Convocations are held several times each term on Wednesday mornings. Outstanding visitors to the campus or members of the faculty or administration speak on these occasions. Numerous lectures, seminars, discussions, concerts, films, and exhibits are arranged throughout the year. A calendar of such events for the 1960-61 college year will be found on page 60 of this bulletin.

A student committee plans for attendance of students at similar events in Chicago and nearby communities. Students wishing to attend these can arrange for tickets and transportation with a student secretary who has a desk in the Dean of Students' Office. Last year groups of students attended concerts by Elizabeth Schwarzkopf, Van Cliburn, Andres Segovia, Marian Anderson, Aaron Copland, and Josh White; a lecture by Jacques Barzun; plays such as "The Hostage" and "Raisin in the Sun"; readings by e. e. cummings and Pierre Viala; several operas; and tours and visits to areas and places of interest such as the Mother Cabrini homes, settlement houses, the Narcotics Court, Boys' Court, and Women's Court, all in Chicago.

RELIGION

The College continues its affiliation with the Presbyterian Church, maintaining an active membership in the Presbyterian College Union and a close working relationship with the Board of Christian Education of the United Presbyterian Church in the United States of America. On the other hand, the College is not sectarian in its teaching and welcomes a variety of philosophical and religious points of view, asking only that they be in harmony with the broad Christian ideals which it is trying to further. Courses in religion, treating primarily the Christian religion, are offered as a part of the College curriculum and each student completes one course in religion as a part of his program of courses leading to graduation.

Students are urged to attend the church of their choice, in Lake Forest if they live on campus, or at home if they are non-resident students. Chapel services are held in Reid Memorial Chapel. The College Chaplain, members of the faculty, students, and occasionally visiting ministers or other guests speak at these services. The Religious Activities Federation is an organization to which the United Campus Christian Fellowship, the Canterbury Club, the Christian Science Club and the Aquinas Circle are related. It plans religious events of interest and concern to the whole campus.

THE CAMPUS

The College Campus consists of ninety-three acres, divided into the North, Middle, and South Campuses and Farwell Athletic Field. The North and Middle Campuses are bounded on two sides by picturesque ravines, and are separated by a third ravine. On the North Campus, of about ten acres, are situated the Henry C. Durand Institute (a classroom building containing the auditorium), Bradley Lodge, Lois Durand Hall, Alice Burhans Lodge, and a new residence hall (dormitories for women). On the Middle Campus, of approximately forty acres, are Harlan and Blackstone Halls, and their Annexes (dormitories for men), North Hall (the administration building of the College), the Calvin Durand Commons, Reid Memorial Library and Chapel, College Hall, Carnegie Hall, North Gymnasium, Academia, the Korhumel Student Center, the heating plant, and residences for members of the faculty and administration. The new Ernest A. Johnson Science Center will be occupied during the 1961-62 college year. Construction on a new residence hall for women and a new student center will begin in the fall of 1961. The latter is to be located on the middle campus and should be ready for occupancy in the fall of 1962. On the South Campus are located East House (a dormitory for freshman men), Remsen House (a dormitory for men), Annie Durand Cottage (a dormitory for women), Hixon Hall, the Sculpture Studio, the Music Hall, the Alumni Memorial Field House, South Hall (headquarters and classrooms for the Industrial Management Institute), and seventeen residences. The new residence hall for women will be constructed on this campus during the 1961-62 college year. A practice field for athletics occupies a part of the South Campus, adjacent to which is Farwell Athletic Field.

COMMUNITY GOVERNMENT

In 1960, the students and faculty voted to establish a Community Government Association, consisting of students, faculty, and administration, to establish policies, promote qualified leadership, and provide coordination for the College's extensive extracurricular and co-curricular program. The Community Government Association consists of seventeen students, five faculty, and five members of the administration. The President of the College meets with the group.

ALUMNI ORGANIZATION

When a student terminates his study after a minimum attendance of one semester, he is considered an alumnus of Lake Forest College. As such, he and his fellow alumni make up what is known as the Alumni Association of Lake Forest College.

An alumnus of Lake Forest College also becomes associated with the alumni club in his locality. Alumni clubs are being organized all over the country in order to extend the arm of the College into every state. These clubs have one chief aim—to promote the welfare of Lake Forest College.

To serve and to keep contact with all of the alumni throughout the nation, the College maintains an alumni office. Twelve times a year this office sends the Alumni Bulletin, which is edited by the Office of Public Information. It also facilitates club organization, arranges the annual dinner; keeps records and addresses of alumni, organizes special alumni events, and performs many other services which help to provide a liaison between the alumni and the College.

ADMISSIONS

GENERAL ADMISSION POLICY

Lake Forest College believes that the character and personality of a student as well as his scholastic ability are vital factors in predicting his success and progress in college. The qualities of intellectual vigor and curiosity are also assessed. The Faculty Committee on Admissions believes that those applicants should be selected who can contribute most to and benefit most from the Lake Forest College program of study and the college community.

The Admissions Office provides, upon request, the required forms for applying for admission. Students are urged to make arrangements for personal interviews with the admissions staff to discuss their specific educational goals and the opportunities provided by the College. Applications for admission should be filed before March 1 of the calendar year in which the student plans to enter. New students are admitted to the College primarily for the term beginning in September.

ADMISSION REQUIREMENTS

A candidate for admission to the freshman class at Lake Forest College is not required to present specified secondary school units of credit for admission, since Lake Forest College believes that the quality of academic performance, as measured by school grades and rank in class, and that the ability to learn, as evidenced by scholastic aptitude test scores, are more important than subject requirements as criteria for selecting its students.

Because of the character of the program of study later required in the College, candidates are urged to present sixteen units of secondary school credit in English, foreign language, social studies, natural sciences, and mathematics. It would be well for the sixteen units to include four units of English, at least three units of one foreign language, three units of mathematics, one or two units of natural science (preferably one in physical and one in biological science), and two units of history and social studies.

An applicant must receive the strong recommendation of his principal, superintendent, headmaster, or guidance director to receive consideration.

All applicants for admission to the freshman class are required to take the Scholastic Aptitude Test administered by the College Entrance Examination Board and are urged to take also the Achievement Tests in English, foreign languages, and mathematics for use primarily in guidance and placement. Candidates should apply directly to the College Entrance Examination Board, Box 592, Princeton, New Jersey (or Box 27896, Los Angeles 27, California, if they live west of the Rocky Mountains) for the administration of their tests.

Students may be admitted to Lake Forest College with advanced standing if they present satisfactory preparatory and collegiate records. Only a student eligible to return to the college or university from which he is transferring will be considered for admission.

Before final admission, a student must take a medical examination which includes certain laboratory tests, and the examining physician must certify that the student is in good health. A small pox vaccination within the last five years is required, and a chest X-ray is given to each student.

Persons who are qualified to do college work, but who are not candidates for a degree, may be admitted as unclassified students.

Competence in spoken and written English is expected of all entering students. Those found to be deficient, as determined by a platform test and samples of writing, will be given special help by members of the faculty in the Departments of Speech and English.

PRIVILEGE OF ATTENDANCE

Good scholarship and good conduct are expected of Lake Forest College students. Attendance at Lake Forest College is a privilege, not a right.

In order to safeguard its ideals of scholarship and character, the College reserves the right, and the student concedes to the College the right, to require the withdrawal of any student at any time for any reason deemed sufficient to it. Students may also be placed on disciplinary probation for misconduct.

MILITARY PROGRAMS

The student who has completed his college degree work at the time he enters the military service has a distinct advantage in his eligibility for special schools and training. Recent policies of the Department of Defense have made it possible for students to complete the full four years of college work before having to enter the service. In some cases students may wish to work out programs concurrently with their education such as the Reserve Officer Candidate Program of the Navy, the Platoon Leader's Class of the Marine Corps, and others.

The College cooperates with all of the various military services in supplying information to the military services and to the students. Full information may be obtained from local recruiting offices and certain descriptive literature about military service in general is maintained in the office of the Dean of Students.

HANDBOOK

A student handbook is published by the College and distributed each fall. In it detailed information about living arrangements, social and academic regulations, campus standards and traditions, extra curricular activities, student government, and College services and facilities is given to the student.

STUDENT ACTIVITIES

MUSIC

The Lake Forest College Madrigal Singers and the Lake Forest Chamber Symphony Orchestra are open to all interested and qualified students. These groups present concerts both on and off campus throughout the school year.

DEBATE AND ORATORY

Intercollegiate debate teams for men and women are organized under the supervision of the Department of Speech. Intercollegiate debates are held on subjects of timely interest, and intercollegiate debate tournaments are entered each year. Lake Forest participates in the State Extempore Speaking Contest and in the State Oratorical Contest for men and women.

PUBLICATIONS

The publications of the student body are edited and managed by students. The publications are *The Stentor,* the College weekly; *The Forester,* the College yearbook; *Tusitala,* a magazine of student writing and art work; *The Student Handbook,* containing College rules and information.

DRAMATIC PRODUCTIONS

Several plays are presented during the college year. Tryouts are open to interested students whenever a play is about to be cast. Membership in the Garrick Players is open to any student who wishes to participate in the various aspects of theatre production.

SPECIAL INTEREST CLUBS

A number of special interest clubs are active on campus. These are: Alpha Psi Omega (national honorary in dramatics), Beta Beta Beta (national honorary in biology), the Garrick Players, History Club, Mathematics Club, Phi Sigma Iota (national honorary in romance languages), Pi Alpha Chi (national honorary in music), Psi Chi (psychology), Religious Activities Federation, Sociology Club, Student Affiliates of the American Chemical Society, Tabard Club (English), and the Women's Recreation Association.

HONORARY LEADERSHIP SOCIETIES

The Iron Key is a local honor fraternity for junior and senior men, founded October, 1919. Membership is determined by scholarship, character, and leadership in student activities.

Kappa Alpha is a local honor society for junior and senior women, founded October, 1919. Membership is determined on the basis of achievement in scholarship, student activities, and co-operative spirit. The society seeks to stimulate the interest of college women in constructive educational work and to uphold ideals of college loyalty and personal culture.

INTERCOLLEGIATE SPORTS

Intercollegiate sports are so organized that any male student who is eligible may try out for a team. Lake Forest is a member of the College Conference of Illinois, the other members of which are Augustana, Carroll, Carthage, Illinois Wesleyan, James Millikin, North Central, and North Park. Intercollegiate competition in football, basketball, baseball, golf, track, wrestling, tennis and soccer is carried on among these colleges as well as with others of a similar type in nearby states.

Eligibility for intercollegiate competition is governed by the regulations of the College Conference of Illinois.

A program of intercollegiate competition for women is provided in basketball and and tennis.

INTRAMURAL SPORTS

An extensive program of intramural sports for men is carried out in touch football, basketball, volleyball, baseball, tennis, bowling, badminton, golf, wrestling, track and field, and other sports in which interest is shown. The Intramural Athletic Committee deals with questions pertaining to this program.

A comprehensive program of intramural sports is also offered for women through the sponsorship of the Women's Recreation Association. Activities included in this program are golf, field hockey, volleyball, basketball, bowling, softball, ping-pong, badminton, tennis, skiing, riding, and others. Through participation in the intramural program women become eligible for membership in W.R.A.

RESIDENCE HALL GOVERNMENT

The Women's Self-Government Association is made up of the residents in the women's dormitories. Their self-government is administered by a president and executive committee. In co-operation with the Dean of Women they establish and enforce rules pertaining to the discipline and social life of the resident women.

SOCIAL ORGANIZATIONS

The six fraternities on the campus are Alpha Sigma, Delta Chi, Kappa Sigma, Phi Delta Theta, Phi Pi Epsilon, and Tau Kappa Epsilon. The five sororities are Alpha Delta Pi, Alpha Phi, Alpha Xi Delta, Chi Omega, and Gamma Phi Beta. The fraternities have living quarters and chapter rooms in Blackstone and Harlan Halls, and their annexes, while the sororities are provided with chapter rooms in Lois Durand Hall.

The Pan-Hellenic Association enforces the regulations set up by its national constitution for sororities. Its members include the president and one other representative from each sorority.

The Inter-Fraternity Council is made up of two representatives from each fraternity. It deals with problems common to all of the fraternities.

PERSONNEL SERVICES

ACADEMIC ADVISEMENT

During the freshman year, the student's academic program is worked out with personnel in the Dean of Students' Office. Course selection, maintenance of an appropriate level of class work, and other similar matters are part of the academic advisement program. Toward the end of the year, in consultation with the adviser, the student will select a departmental adviser. Often this will involve the selection of a special academic major, but this is not mandatory until the close of the sophomore year. Choices of the adviser and/or major are not absolutely binding since the College's general academic program has a good deal of flexibility built into it, but change of major after the start of the junior year may involve an additional term or summer session work in order to meet all the requirements.

A limited testing program assessing the abilities, interests, and aptitudes of students is available in the Dean of Students' Office for those who may wish further help in planning their educational programs.

PERSONAL COUNSELING

Modern health principles recognize that sound physical *and* mental health are important to satisfactory academic work. Students may consult with their head resident, their adviser, or others about personal matters. In addition specially trained personnel are available in the offices of the Chaplain, the Dean of the College, the Dean of Students, the Dean of Women, the Dean of Men, and the College Health Office. In general, these are willing to consult with any student at any time. A consultant psychiatrist is available. Appointments with the psychiatrist are made through the Health Office.

RESIDENCE HALL LIVING

Freshman students are assigned to areas reserved for freshmen. Men in the sophomore, junior, and senior classes live in fraternity houses or in Remsen House. Upper class women live in Bradley Lodge, Alice Burhans Lodge, Lois Durand Hall, or Annie Durand Cottage. All students who do not live at home are required to live in one of the residence halls, unless special permission is given to live elsewhere. Room assignments are accepted for the year and refunds of charges are not made except in accordance with the refund schedule given on page 69.

Resident students are required to take their meals in the College dining halls.

Students are held responsible for damages to rooms and furnishings. Charges must be paid within a specified time. The College is not responsible for personal property left in student rooms. Students who find it necessary to remain in the residence halls over the Christmas or Spring recesses, may do so with special permission and will be charged a reasonable rate.

HEALTH SERVICE

Lake Forest College seeks to safeguard and improve the health of its students. To this end a College physician and registered nurse are available. The College nurse works under the direction of the College physician, who is experienced in student

health problems. All students entering Lake Forest College for the first time receive a physical examination. A smallpox vaccination within the last five years is required.

The family physician, beginning with his certification of an entering student's physical condition, is encouraged to work with Lake Forest College's medical advisers in promoting the health of the student, and may count on full co-operation in return. Reports concerning physical defects discovered by the Health Service staff are made available to the family physician and, through him, to the parents of the student concerned.

All students are required to have an annual chest X-ray. This service is provided free by the Lake County Tuberculosis Association during scheduled days in the Fall. Students who do not receive the X-ray at this time will be required to have one made at their own expense.

Students are expected to report all illnesses promptly to the Resident Nurse who has an office in Academia, which is open at specified hours in morning and afternoons. Consultation with the College Physician in the Health Office is available to students without cost during his office hours in the College Health Office. The student, however, must pay a regular fee to the college physician when his service is required at the residence hall, hospital, or at his office.

The College has a consultant psychiatrist available to students through the Health Office.

While medical treatment will never be forced upon students, both they and their parents must recognize the right and duty of the college health service staff to protect the health of the College community as well as the individual by hospitalizing or isolating students when such action is deemed necessary.

Hospitalization in the Lake Forest Hospital, which is a beautiful new and well equipped building, is available to students.

The College participates in a broad coverage accident and sickness insurance plan for its students. Resident students are automatically covered by this plan and it is available to non-resident students if they apply for it. The plan protects students of Lake Forest College at home, at school, or while traveling throughout the academic year. Complete information concerning coverage is given at the time of registration or it may be obtained by calling or writing the Business Office of the College. Insurance claims are processed in the Health Office.

AUTOMOBILES

Students who drive automobiles must register them in the office of the Dean of Students at the time of class registration at the beginning of each school year. All students who live at home and junior and senior resident students are allowed cars as long as they abide by the traffic regulations in force on the campus. No student may have a car on campus unless he carries public liability and property damage insurance. A detailed list of regulations governing the use of automobiles is published in the Student Handbook. Students who are not entitled to maintain a car on campus are not allowed to drive a car while in residence.

FINANCIAL AID

Any student who needs financial aid and whose credentials qualify him for ad-

mission to the College is eligible to be considered for financial aid, but applicants are ranked for consideration on the basis of their academic records and their College Entrance Examination test scores. Financial aid is subject to renewal if a high level of scholarship is maintained. Applications from those who need assistance may be filed with the Director of Admissions in the case of new students and with the Dean of Students' Office in the case of returning students. A brochure describing available financial aid may be obtained from these offices.

Work Program

Many students find it possible to earn a part of their school expenses by employment on or off campus. A limited number of students is employed in the dining halls, in various officers, in the library, on the buildings and grounds staff, and in the coffee shop. Campus employment is available through the various offices desiring student help, but all students must have the approval of the Dean of Students' Office before they can be employed. Reports on student employment records are filed with the Dean of Students' Office.

Off campus employment is available in the business section of the town and in private homes. Students who wish to work should register with the Placement Office as soon as they arrive on the campus.

No student can expect to earn the money to cover all of his expenses, but money for personal needs and sometimes more can frequently be earned by hourly employment.

Loans

The College has certain funds which have been set aside for short and long term loans to students at low interest rates. The College also participates in the loan program established under the provisions of the National Defense Education Act. Application blanks are available from the Dean of Students, or, in the case of new students, from the Director of Admission. Loans are available only to students with satisfactory academic and conduct records.

ACADEMIC REQUIREMENTS

CLASSIFICATION

The academic year is divided into a fall term, a winter term, and a spring term. The normal course load is three courses per term, making a total of nine for the year. A student will be classified as a sophomore who has completed seven courses by the beginning of his second year in college, as a junior if he has completed sixteen courses by the beginning of his third year in college, and as a senior if he has completed twenty-seven courses by the beginning of his fourth year in college. A full-time student will register for only three courses each term in addition to physical education in the freshman and sophomore years.

CREDIT

Beginning with September, 1961, credit for college work is recorded by courses. Prior to this date it was recorded in semester hours. While semester hours of credit will not be used at Lake Forest College after September, 1961, the value of the courses in the current catalogue for conversion purposes is three and one-third semester hours. Thirty-six courses are required for graduation. Using the conversion factor given above, each student whose credit up to this point has been recorded in semester hours will take the number of courses required to give the equivalent of the present 120 semester hours in academic courses or, in the case of Bachelor of Arts in Business Administration, 124 semester hours of academic work.

REGISTRATION

In the spring of each year students will register in advance for the next academic year. New students will choose their courses during the summer preceding their entrance to the college. Registration is completed on designated registration days in September. Necessary changes in registration may be made by the use of forms obtained in the Office of the Registrar. The original of this form must be signed by the student's adviser and by the Dean of Students. The change is not official until the form is returned to the Registrar. A fee of $3.00 is charged for changes made after classes begin. Withdrawal from a course is regarded as a change in registration and is cared for in the manner described above. Failure in the course will be recorded for those who do not comply with this regulation. A student may not register in a new course after the end of the first week of a term.

GRADES

Three passing grades are used at Lake Forest College. These are *honors* (H), *high pass* (HP), and *pass* (P). The honors grade is given for outstanding work. The *high pass* grade is used to indicate that the work is of superior quality but not outstanding and when given in upper division courses means that the faculty feels that a student who works at this level is generally qualified for graduate study. Other work of passing quality is given a grade of *pass*. Students who fail a course are given a grade of *F*. An *I*

(incomplete) is given when a student who is passing has not, because of illness or some other exceptional reason, completed the work of the course. (*I* may be given only with the permission of the Dean of the College.) A grade of *I* can be replaced by any other grade if the work is completed within one academic month after the student re-enrolls in the College; otherwise it becomes an *F*. *W* signifies withdrawal and is given when a student withdraws from a course with the approval of the Dean of Students, provided he is passing in the course at the time of withdrawal.

Freshman grade reports in courses in which the work is failing or incomplete are made to all freshman students at the mid term. Final grade reports are mailed to a student at his home at the close of each term.

SCHOLARSHIP RULES

A student who fails three courses in a given year will not be allowed to re-enroll the following year. Each course that is failed must be made up by approved summer work, normally taken at Lake Forest College, and a student will not be allowed to re-enroll in September if he does not qualify for sophomore, junior, or senior standing in his second, third, and fourth years, respectively. At the discretion of the Dean of Students or the Dean of the College, a student may be put on probation or dropped for poor scholarship during the academic year if in their opinion the quality of the student's work justifies such action. A student who fails three courses in a given term or two courses in one term and a third course in a successive term will not be allowed to continue in the following term.

CLASS ATTENDANCE

Students are expected to be present at all meetings of their classes beginning with the first, unless prevented by illness or other emergency or by participation in a college approved function. All cases of illness should be reported immediately to the Health Office. Other emergencies should be reported to the Dean of Students.

Each instructor has the right to establish specific regulations regarding attendance which may seem best suited to his particular course. A student may be dropped from a course with an *F* grade because of excessive absences.

WITHDRAWAL FROM COLLEGE

A student who finds it necessary to withdraw from college must confer with the Dean of Students and file a withdrawal form. Failure in his courses will be recorded for a student who does not withdraw through the office of the Dean of Students.

INDEPENDENT STUDY

With the approval of his faculty adviser and of the Dean of the College, a junior or senior may engage in independent study. This arrangement allows greater student responsibility for the work covered and freedom to read more extensively than may

be possible in a regularly scheduled course. A student's request for independent study must be prepared in outline form, approved by his adviser, and then filed with the Dean of the College.

SENIOR THESIS

With the approval of his adviser and the Dean of the College, a student in his senior year may write a senior thesis based either on library or laboratory and library research. This thesis may take the place of one or two courses in the major field. The student prepares an outline of the proposed project for the examination of his adviser and of the Dean of the College. After completion of the work, the student is examined on the thesis by a committee appointed by the Dean of the College and consisting of the faculty member who supervised the thesis as the chairman of the committee, and several others, including at least one member of the faculty outside of the department concerned. Approved copies of the thesis, signed by members of the committee and by the Dean of the College, must be submitted, one to the department and one to the Dean's office for filing in the College Library.

REQUIREMENTS FOR GRADUATION

Lake Forest College offers courses leading to the Bachelor of Arts degree. Students who have already begun a program of study leading to the degree of Bachelor of Arts in Business Administration and who will complete the necessary work by August, 1964 will be granted this degree. The specific course requirements for this degree are given on page 32 of the 1958-60 Lake Forest College catalogue. Students expecting to receive the degree of Bachelor of Arts in Business Administration should consult with the chairman of the department with respect to remaining requirements. A student must receive passing grades in thirty-six courses to meet the graduation requirement. Deficiencies may be made up by summer session work, normally taken at Lake Forest College, but with the approval of the Dean of the College such work may be taken elsewhere. Of the thirty-six courses required for the Bachelor of Arts degree, a minimum of nine courses must be in the major field. The maximum number of courses in the major field that may be credited toward the degree is thirteen.

COURSE REQUIREMENTS FOR THE DEGREE OF BACHELOR OF ARTS

The course of study required for the Bachelor of Arts degree consists of (1) certain required courses (listed below), (2) a minimum of nine and a maximum of thirteen courses in the major field (except in the general majors in American Civilization and International Relations. See page 27), (3) sufficient electives to bring the total number of courses to thirty-six in addition to physical education activity.

Comprehensive Examination

A written comprehensive examination in the major is taken at a designated time in the senior year. Beginning with the class of 1964, satisfactory performance on this examination is required for graduation.

General Required Courses

The following year course:

Western Civilization 11a,b,c	History and Literature of Western Civilization (Freshman Year)

Two of the following:

Art 21	Survey of the Visual Arts
Music 21	Music Literature and Appreciation
Philosophy 21	Introduction to Philosophy

Three of the following:

Economics 11a	Principles of Economics
Political Science 11	Introduction to Government
Psychology 11	Introduction to Psychology
Sociology and Anthropology 11	Human Society

One of the following:

Religion 21	Old Testament
Religion 22	New Testament
Religion 24a	History of Christianity (First Course)
Religion 24b	History of Christianity (Second Course)
Religion 27	Christian Ethics

One of the following year courses:

Biology 11a,b,c or 12a,b,c	General Biology
Chemistry 11a,b,c or 12a,b,c	General Chemistry
Physics 11a,b,c or 12a,b,c	General Physics

The following course:

Philosophy 41	History of Modern Thought (Senior Year)

Competence in one foreign language and in mathematics as measured by examinations is required. Good quality work in four years of secondary school language and three years of secondary school mathematics is normally sufficient preparation. Five terms or fewer of foreign language, if a new language is begun in college, should prepare a student for the examination. One term of college mathematics for those needing additional course work in this field should be sufficient.

Two years of physical education activity are required.

MAJOR

Toward the close of his freshman year the candidate for the degree of Bachelor of Arts elects a major from the following list:

(1) American Civilization, (2) Art History, (3) Biology, (4) Chemistry, (5) Dramatic Art, 6) Economics, (7) English, (8) French, (9) German, (10) History, (11) International Relations, (12) Latin, (13) Mathematics, (14) Music, (15) Philosophy, (16) Physics, (17) Political Science, (18) Psychology, (19) Religion, (20) Russian, (21) Sociology and Anthropology, (22) Spanish.

Major In American Civilization

The following courses are required:

Economics 11a,b,	Principles of Economics
History 22a,b	The United States
Political Science 21	American National Government
Sociology and Anthropology 11	Human Society
Economics 31	Labor in the American Economy
English 31a,b	American Literature
Political Science 33	History of Political Ideas

Seminar and Independent Study in Problems in International Relations (equivalent to two courses).

Major In International Relations

The following courses are required:

Economics 11a,b	Principles of Economics
Sociology and Anthropology 11	Human Society
History 11a,b,	The United States
or	
Political Science 21, 22	American National, State, and City Government
History 21a,b	Europe: 1500-1914
Sociology and Anthropology 32	Religious and Political Institutions
Sociology and Anthropology 33	Process of Socialization
Economics 32	International Economics
Political Science 38	American Foreign Relations
Political Science 35	International Relations
Political Science 41	International Law

Seminar and Independent Study in Problems in American Civilization (equivalent to two courses).

SCHOLASTIC HONORS AND PRIZES

Graduation With Honors

Graduation with Honors is based upon satisfactory performance in the comprehensive examination in the major field. Special Honors in Senior Thesis are awarded students whose theses in the opinion of the examining committee are worthy of this recognition.

The names of students so honored will be noted in the commencement program and their diplomas will be appropriately inscribed in recognition of their outstanding scholarship.

Shield Honors

The names of the four students in each graduating class who rank highest in general scholarship are engraved upon a shield, which is affixed to a wall of the College library. This practice began with the class of 1910.

Honorary Scholastic Societies

SIGMA ETA was founded as a society in the spring of 1929 to promote and encourage scholarship. The two highest ranking juniors whose scholarship for their college course meets a certain average are elected to membership. Seniors with a required grade average are also eligible, although total membership in any graduating class may not exceed ten per cent. The insignia is a key bearing the College seal and the letters, Sigma Eta.

ALPHA LAMBDA DELTA is a national honor society for freshman women. The chapter at Lake Forest was established in 1943. Its purpose is to promote a high standard of learning and to encourage scholastic achievement. Membership is determined on the basis of high scholastic achievement.

PHI ETA SIGMA is a national honor society for freshman men. The chapter was established at Lake Forest in 1929. Its purpose is to foster scholarship. Membership is determined on the basis of high scholastic achievement.

The McPherson Prizes

The sum of three thousand dollars was contributed in 1889 by friends of the Reverend Simon J. McPherson to found the four prizes to be named in his honor. In practice, the prizes in English, philosophy, foreign languages, and speech and dramatics are usually awarded to graduating seniors.

A prize of twenty-five dollars may be given annually for work of superior grade in each of these fields.

The Scholarship Plaque

The student having the best scholastic record in each class for the three terms (two terms for freshmen) preceeding that during which the annual Honors Day Convocation is held will be honored by having his name engraved on a plaque which hangs in the Student Center.

The Lettermen's Plaque

The letterman having the best scholastic record for the three terms preceeding that during which the annual Honors Day Convocation is held will be honored by having his name engraved on a plaque which hangs in the Alumni Memorial Field House.

The Emma O. Haas Memorial Awards For Merit In Scholarship

Judge John F. Haas of Chicago, a graduate in the class of 1900, has established at the College in memory of his mother, annual awards totaling one hundred dollars, designated as the "Emma O. Haas Memorial Awards for Merit in Scholarship." These awards are announced and given on the day of the annual Honors Convocation in the following amounts:

Fifty dollars to a senior class student outstanding in scholarship, to be selected by the faculty from those attending Lake Forest College the entire four years.

Twenty-five dollars to a junior class student outstanding in scholarship, to be selected by the faculty from those attending Lake Forest College the entire three years.

Twenty-five dollars to a sophomore class student outstanding in scholarship, to be selected by the faculty from those attending Lake Forest College the entire two years.

The Fredericka L. Stahl Memorial Award For Excellence In Science

Judge Haas has also established, in memory of his grandmother, Fredericka L. Stahl, an annual award of fifty dollars to be known as "The Fredericka L. Stahl Memorial Award for Excellence in Science." The recipient of the award is determined by a committee of faculty members and is announced on Honors day. The prize is awarded to the senior class student who has the best record in the field of the natural sciences during the four years he or she has attended Lake Forest College. Students who major in biology, chemistry, mathematics, physics, and psychology are eligible. Excellence in the science courses forms the primary basis of selection. Attitude, habits of work, and spirit of cooperation are also taken into consideration by the committee.

The Chi Omega Award For Excellence In The Social Sciences

For a number of years, the Lake Forest College Chapter of the Chi Omega Sorority has awarded a prize of twenty-five dollars for excellence in the social sciences. The recipient of the award is selected by the faculty.

The Warren A. Peterson Memorial Award In Business Administration

The family of Mr. Warren A. Peterson of the class of 1932 has established in his honor an annual award of twenty-five dollars to be known as "The Warren A. Peterson Memorial Award" to be given to a senior student who is entering the field of business, who has a good academic record, and who also has made a marked contribution to the life of the college through extra-curricular activities.

The Scott Award In Religion

In 1957, Miss Mildred Scott of Cleveland, Ohio, established by endowment, "The Scott Award for Excellence in the Study of Religion." The annual award of twenty-five dollars honors her parents, Mr. and Mrs. Lyman H. Scott. It is given to that student, usually a junior, who, in the opinion of the faculty in the Department of Religion, has done the most outstanding course work in that department. The prize was first given in 1957.

The Sterling Price Williams Prize

The Sterling Price Williams Prize in psychology, given by friends in honor of Dr. Sterling Price Williams, Professor of Psychology and Philosophy at Lake Forest College from 1927 to 1949, consists of books on the subject of psychology selected by the recipient. The student to whom the award is made is selected by the members of the faculty of the Department of Psychology as the senior psychology major who shows greatest promise in this field.

The Gail DeHerder Prize In Creative Writing

The Class of 1959 established a memorial fund to honor Gail DeHerder, a member of the class for three years. The income from this fund is used to provide a prize of twenty-five dollars to be awarded each year to the senior woman who submits the best piece of creative writing. Only students who have been in attendance at Lake Forest College the entire four years are eligible to compete.

The Alpha Phi Freshman Award for Excellence In Scholarship

The Gamma Epsilon (Lake Forest) Chapter of the Alpha Phi Sorority awards annually a prize of twenty-five dollars to the freshman woman having the best scholastic record during the first two terms of her freshman year.

The Tau Kappa Epsilon Freshman Award for Excellence In Scholarship

The Delta Beta (Lake Forest) Chapter of the Tau Kappa Epsilon fraternity awards annually a prize of twenty-five dollars to the freshman man having the best scholastic record during the first two terms of his freshman year.

The Chemistry Achievement Award

The Chemical Rubber Publishing Company of Cleveland, Ohio, gives annually a copy of the *Handbook of Chemistry and Physics* to the outstanding student in freshman chemistry. The recipient is selected by the faculty of the Department of Chemistry on the basis of class record and competitive examination.

The Scholarship Trophies

Scholarship trophies, one for men and one for women, are awarded annually on Honors Day to the organized social group whose members and pledges have the best scholastic record in the preceding three terms. The trophies are passed from the winners of one year to the new winners until the space provided for engraving the name of the winning group is filled. The trophy is then retired and awarded to the group whose name appears the most times on the cup.

THE EVENING SESSION

In its Evening Session, Lake Forest College offers academic courses for credit toward the Bachelor of Arts degree. These are selected from the regular Day Session courses described in this catalogue. Most of the classes meet twice a week, although a few meet one evening a week, and courses in the laboratory sciences meet two evenings and Saturday morning. Auditors are welcome to register in these classes. The Evening Session bulletin is available late in July of each year. Inquiries should be addressed to the *Director of the Evening Session.*

THE SUMMER SESSION

The Summer Session is approximately eight weeks in length. One or two regular courses may be selected. The Summer Session bulletin is available in February each year. Inquiries should be addressed to the *Director of the Summer Session.*

COURSES OF INSTRUCTION

In the following section of the catalogue the courses of instruction are listed by departments, which are arranged alphabetically. The chairman of the department, designated in the list of faculty teaching in the department, is the academic adviser of students majoring in that department. The chairman of the Department of History serves as the adviser for students majoring in American Civilization, and the Chairman of the Department of Political Science is the adviser for students majoring in International Relations.

Term courses which are related and have a common title are designated by the letters *a, b,* or *c* following the number of the course. Ordinarily the preceding term is a prerequisite to the term course which follows in such a sequence.

The letters F (Fall), W (Winter), and S (Spring) are used to indicate the term in which a given course is normally available. A comma between two or three of these letters, such as F,W,S, means that the course is repeated each of the terms designated. In the case of a sequence of courses designated by a common name and having the letters *a,b,* and *c* to indicate this relationship, the terms during which the sequence is available are given without commas. Thus if courses *11a,b,c* are scheduled so that *11a* comes in the fall, *11b* in the winter, and *11c* in the spring, this fact will be indicated by the letters FWS, written without commas.

ART

Associate Professor Schulze; Assistant Professor Pinnell (Chairman); Mr. Van Flein

The major is in art history. One course in studio art, divided between drawing and painting and sculpture is required in addition to the minimum number of courses in art history.

Art History

21 The Visual Arts

Analysis of art forms with emphasis on the understanding of the nature of art, the problem of evaluation, and the object as a manifestation of cultural expression. F, W, S.

24 Ancient Art

Architecture, sculpture, and painting in Egypt, Mesopotamia, Greece, and Rome. (In alternate years. Offered in 1962-63.)

25 Medieval Art

Architecture, sculpture, and painting in Europe from early Christian times through the fourteenth century. (In alternate years. Offered in 1962-63.)

26 Oriental Art

Architecture, sculpture, and painting in China, Japan, and India from prehistoric times through the mid-nineteenth century. S. (In alternate years. Offered in 1961-62.)

31 The Renaissance

Architecture, sculpture, and painting from the early fourteenth century through the sixteenth century, with emphasis on Italy and the Low Countries. F. (In alternate years. Offered in 1961-62.)

32 The Seventeenth and Eighteenth Centuries

Architecture, sculpture, and painting in Europe from the Roman Baroque through English classicism. W. (In alternate years. Offered in 1961-62.)

33 The Nineteenth Century

Architecture, sculpture, and painting in Europe and the United States from neo-classicism through post-impressionism. (In alternate years. Offered in 1962-63.)

34 The Twentieth Century

Architecture, sculpture and painting in Europe and the United States from post-impressionism to the present day. (In alternate years. Offered in 1962-63.)

45 Seminar

S.

Studio Art

11 Studio Art

Creative work in drawing and painting, emphasizing fundamental problems in figure, still-life and landscape using experimental approaches. In sculpture, conception and execution in clay, stone, metal, and vitrous enamels with metal. Students who complete three years of instruction will receive credit for one course toward meeting the graduation requirements. In a given term the student will work entirely in draw-

ing and painting or in sculpture. Different classes will be provided for students at the various levels of development. F,W,S.

BIOLOGY

Professor Lunn (Chairman); Assistant Professors Louch, Rahn; Mr. Tucker, Mr. Van Horn

The major includes Biology 12a,b,c. Biology 11a,b,c or 12a,b,c are prerequisites to all other courses in the department.

11a,b,c General Biology

Principles of biology. Four class hours and four laboratory hours per week. FWS.

12a.b.c General Biology

Principles of biology. A course for those who plan to major in the department and for those who are well-prepared in biology. Four class hours and four laboratory hours per week. FWS.

21 Anatomy of the Vertebrates

A comparative study of the organ systems of the vertebrates. Three class hours and six laboratory hours per week. F.

22 Physiology of the Vertebrates

Principles of physiology with emphasis on vertebrate physiology. Three class hours and six laboratory hours per week. W.

23 Embryology of the Vertebrates

Developmental patterns and processes in the vertebrates. Three class hours and six laboratory hours per week. S.

24 Field Biology

The identification and relationships of the plants and animals of the Chicago area. Three class hours and six laboratory hours per week. S.

25 Botany

The structure and life histories of the major plant groups. Three class hours and six laboratory hours per week. S.

31 Microbiology

Microscopic organisms with particular emphasis on bacteria. Three class hours and six laboratory hours per week. F.

32 Genetics

The patterns and physical basis of inheritance. Three class hours and six laboratory hours per week. W.

33 Histology

Identification, function, and development of vertebrate tissues. Three class hours and six laboratory hours per week. W.

45 Seminar

Readings in the history of biology and in current problems of biology. Four classes per week. F.

BUSINESS ADMINISTRATION

Professor Nicholaus (Chairman); Assistant Professor Reynolds; †Mr. Heins, †Mr. Lind, ‡Mr. Russ, †Mr. Wolf

The major includes Business Administration 11a,b; 34; 35; 36 or 37; and two of the following: 21, 22, 23, 31, 32. Economics 11a,b; 12; 21 or 22; History 23 (The American Economy) and Mathematics 15 (Elementary Statistics) are also required of majors in this department.

11a,b Principles of Accounting

The basic concepts of theory and procedure for proprietorships, partnerships, and corporations. FW.

21 Intermediate Accounting

Advanced study of working capital items, investments, fixed and intangible assets, liabilities and equity accounts. Prerequisite: Bus. Admin. 11a,b. F.

22 Advanced Accounting

Partnership operations, joint ventures, installment sales, branch accounting, consolidations, statement of affairs, receivership accounting, and estates and trusts. Prerequisite: Bus. Admin. 21. S.

23 Cost Accounting

Job orders, process, and standard cost systems. Prerequisite: Bus. Admin. 11a,b. W.

31 Auditing

Audit procedures and verification of accounting practices; balance sheet audits, audit programs, and reports. Prerequisite: All prior courses. S.

32 Federal Income Tax

The current Revenue Act as it applies to individual, partnership, and corporation returns. Bus. Admin. 11a,b. F.

33 Business Law

Introduction to commercial law, contracts, agency, partnerships, corporations, property, sales, negotiable instruments, insurance, and bankruptcy. S.

34 General Finance

Financial principles beginning with personal finance and investment problems, small business finance, and ending with the financing of corporations. Prerequisite: Bus. Admin. 11b. W.

35 Marketing

The functions of marketing agents, the channels of commodity distribution, and the problems of commodity markets. Prerequisite: Bus. Admin. 11b. F.

36 Case Problems in Finance

Primary emphasis on recurring shortrun financial problems of various types of business firms. S.

37 Principles and Problems of Business Management

Emphasis on general and recurring problems in managing business enterprises. Text and illustrative cases. (In alternate years. Offered in 1962-63.)

†Lecturer in Evening Session
‡Part-time

CHEMISTRY

Professors Dunn, North; Associate Professor Coutts (Chairman); Assistant Professor William Martin

The major includes Chemistry 12a,b,c; 21; 29a,b; 31; 39a,b.

11a,b,c—General Chemistry

Growth and application of the scientific method, using illustrative material from theoretical and descriptive chemistry. First two terms deal with principles of chemical interactions and descriptive chemistry of metals and non-metals; third term includes the transition metals and an introduction to organic chemistry. For students not expecting to take further course work in chemistry. (With permission of instructor, students may transfer to Chemistry 15c for third term.) Four hours of lecture and one three-hour laboratory per week. FWS.

12a,b,c General Chemistry and Qualitative Analysis

Parallels Chemistry 11 in first two terms, but with additional emphasis on topics of primary interest to natural science majors, qualitative analysis in the third term. For chemistry majors and others expecting to take Chemistry 29a,b. Four hours of lecture and one three-hour laboratory per week during first two terms; three hours of lecture and two four-hour laboratories per week in third term. FWS.

21 Quantitative Analysis

Principles involved in the separation and quantitative estimation of elements in compounds and mixtures. Prerequisite: Chemistry 12c or consent of instructor. Three hours of lecture and two four-hour laboratories per week. F.

29a,b Organic Chemistry

Chemistry of carbon compounds, with emphasis upon the application of modern principles to structure, reactivity and methods of syntheses. The chemistry of biologically important compounds is included. Meets requirements of most medical schools. Prerequisite: Chemistry 12c or consent of instructor. Four hours of lecture and one four-hour laboratory per week. WS.

31 Organic Chemistry

A continuation of Chemistry 29a,b, with emphasis in the laboratory upon the systematic identification of organic compounds. Prerequisite: Chemistry 29b. Three hours of lecture and two three-hour laboratories per week. F.

39a,b Physical Chemistry

Theoretical aspects of chemistry as exemplified in the laws of thermodynamics, kinetics, equilibrium, electrochemistry, and studies of the states and structure of matter. Prerequisite: Chemistry 21, Physics 11c or 12c, and Mathematics 21a, or consent of instructor. Four hours of lecture and one three-hour laboratory per week. FW.

41 Physical Chemistry

A continuation of Chemistry 39a,b, with emphasis on quantum theory and statistical mechanical interpretation of atomic and molecular structure and interactions. Prerequisite: Chemistry 39b. Four hours of lecture and one three-hour laboratory per week. S.

43 Instrumental Methods

Theory and operational techniques involved in the use of instruments in all branches of chemistry. Laboratory includes such fields as spectroscopy, spectrophotometry, polaragraphy, and radiochemistry. Prerequisite: Chemistry 41 or consent of instructor. Two lectures and two four-hour laboratories per week. (Offered in 1962-63.)

44 Advanced Inorganic Chemistry

Modern concepts of chemical bonding, periodic relationships, stereochemistry, and other special topics. Prerequisite: Chemistry 41 or consent of instructor. (Offered in 1962-63.)

45 Seminar

Special topics, with the particular subject matter and meeting pattern varying from term to term. Prerequisite: consent of instructor. (Offered in 1962-63.)

DRAMATIC ART

Professor Martin (Chairman); Assistant Professor Converse

The major includes Dramatic Art 21; 22; 31; 34a,b; 37a or b.

21 Introduction to the Theatre

A background course in modern theatre practice, emphasizing the many aspects of play production and play selection. Stagecraft laboratory is required. F.

22 The Art of the Actor

Various theories of acting in the modern theatre from Delsarte to the present. An opportunity is provided each student to put these theories into practice. Stagecraft laboratory is required. W.

31 History of the Theatre

The theory and mechanics of the drama beginning with ancient man and continuing to the modern period. Inquiry into the playwright's art, as well as study of the productions of the plays themselves as they have been staged. F.

32 Theatrical Producing and Directing

The principles and techniques of the director's art. Each student produces and directs a play as part of the application of production theory.

33 Advanced Acting

Principles and techniques of acting for the student who has had previous experience and/or training in this field. Conferences and acting demonstrations are emphasized. S.

34a,b History of Drama in the Western Tradition

(In alternate years. Offered in 1962-63.)

35 Seventeenth Century Literature (French)

(See French 31.)

36 Nineteenth Century Literature (German)

(See German 31a.)

37a,b, Shakespeare

(See English 37a,b.)

38 History of Opera

(See Music 37.)

39 Modern Literature (Drama)

(See English 39a.)

ECONOMICS

Professor Nicholaus; Associate Professor Herliby (Chairman); Assistant Professor Toscano, ‡Mrs. Hale, †Mr. Neil, †Mr. Orr

The major includes Economics 11a,b; 12; 21; 22; 35; and any three of the following: 31, 32, 33, 34, 45. Economics 11a,b are prerequisites to all other courses in the department.

11a,b Principles of Economics

Structure, function and problems of the American economy. Emphasis on application of economic principles to analysis of current economic issues. First term concentrates on analysis of the national economy (macro-economics.) Second term concentrates on economics of the individual and firm (micro-economics). F,W,S.

12 Money and Banking

Nature, function, and creation of money and credit. Organization of commercial banking in the United States and other countries. Emphasis on the role of central banking in the creation and control of money and credit. F,S.

21 Value, Price and Distribution

Theory of price determination and role of the price system in allocating resources. Welfare implications of various "ideal" and actual types of market structures. F,S.

22 Income, Employment, and Money

Analysis of factors determining the level of national output and employment, and of policies used in dealing with unemployment problems. Prerequisite: Economics 12. F,W.

31 Labor in the American Economy

The labor problems of American industrial society, analyzed in the context of trade unionism and collective bargaining, and the economics of the labor market. Prerequisite: Economics 11b or consent of the instructor. F.

32 International Economics

Critical analysis of principles, institutions, and policies of international trade, including balance of payments and international lending. Prerequisite: Economics 12 and 21, or consent of instructor. W.

33 Business Organization and Public Policy

Analysis of the fundamental economic problems of the social control of business activity. Prerequisite: Economics 21, History 23 (The American Economy), or consent of the instructor. W.

‡Part-time
†Lecturer in Evening Session

34 Government Finance and Taxation

Analysis of the role of governments in the economy; principles of taxation and expenditures; the budget-making process; impact of fiscal policy and debt management on the economy. Prerequisite: Economics 22 or consent of the instructor. S.

35 History of Economic Thought

Review of the seminal ideas contributing to the development of modern economic thought, based primarily on reading of basic sources. Prerequisite: Economics 21 and 22. S.

45 Seminar

Application of economic analysis to selected contemporary problems. Prerequisite: Economics 21 and 22 and consent of instructor. F.

EDUCATION

Professor Reichert (Chairman); †Mrs. Enthof, †Mr. Mortensen, †Mr. Nichol, †Miss Slack, †Mr. Sternig, †Mr. Townsend

Requirements for Illinois Teaching Certificates

The requirements stated below, in addition to other graduation requirements, will qualify graduates for the regular Illinois teaching certificates and will also meet the standards of the North Central Association of Colleges and Secondary Schools. These requirements also meet the standards of most other states, but in order to be sure, the student who wishes to teach in another state should consult with the chairman. The State of Illinois requires that each candidate for certification pass an examination on the constitutions of the United States and of Illinois. This examination is given on the second Wednesday in May of each year, and at other times, upon request.

There is no major in education. Prospective teachers complete a major in one of the subject areas listed on page 27 of this catalogue. For those preparing for an elementary certificate, any major is appropriate. For those preparing for a secondary certificate, any major except a few such as philosophy, religion, and psychology, which are not usually taught at the secondary level, is suitable.

ELEMENTARY CERTIFICATE (Kindergarten through Eighth Grade)

History 22a—The United States (to 1877)
or Political Science 21—American National Government
Psychology 11—Introduction to Psychology
24—Tests and Measurements
Education 21—American Education
31—Educational Psychology
32—Reading and Arithmetic in the Secondary School
48—Supervised Teaching

†Lecturer in Evening Session

The following courses are credited and are required for certification but will not be counted toward the graduation requirement:

Art Education 22—Methods of Teaching Art
Music Education 25—Music for Elementary Teachers
Science Education 26—Science in the Elementary School
Social Studies Education 27—Social Studies in the Elementary School
Physical Education 28—Methods of Teaching Physical Education and Health

SECONDARY CERTIFICATE (Seventh through Twelfth Grade)

History 22a—The United States (to 1865)
or Political Science 21—American National Government
Psychology 11—Introduction to Psychology
24—Tests and Measurements
Education 21—American Education
31—Educational Psychology
42—Principles and Philosophy of Secondary Education
43—Methods of Secondary Education
49—Supervised Teaching in the Secondary School

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21 American Education

An introduction to American education, its control, support, content, and philosophy at all levels. F,S.

31 Educational Psychology

Child development, the psychology of learning, and problems of school adjustment. F,S.

32 Reading and Arithmetic in the Elementary School†

Methods of teaching reading and arithmetic in the elementary school. F.

42 Principles and Philosophy of Secondary Education†

A study of the secondary school for those who will teach in it. The curriculum, extra-curriculum, philosophy, and professional problems of teachers. F.

43 Methods of Secondary Education†

Methods of teaching in the secondary school. To be taken concurrently with Education 49. W.

48 Supervised Teaching in the Elementary School†

The entire morning will be spent in the cooperating school. Double course credit. W.

49 Supervised Teaching in the Secondary School†

Three or more hours per day will be spent in the cooperating school. (Sufficient time in observation and teaching will be scheduled to be equivalent to the usual five semester hours of credit.) W.

†Only students completing certification requirements for the State of Illinois or some other state may count this course toward the graduation requirement.

The following courses, required for certification, do not carry graduation credit, but will be given recorded credit on the student's academic record and should be be added, one per term, to the normal three-course program.

Art Education

22 Methods of Teaching Art

The media and methods of teaching elementary school art. Required only for primary grade teaching. One-half course.

Music Education

25 Music for Elementary Teachers

Basic musicianship, sight singing and ear training, and methods of public school music. For students without previous music training. W.

35 Principles and Methods of Music Education (Elementary School)

Teaching of elementary school music. Child voice,, rhythmic development, problem cases. Suitable graded materials. Elementary school music curriculum.

36 Principles and Methods of Music Education (Secondary School)

Junior and senior high school music. Materials, voice testing and building, the psychology of pre-adolescence, music curriculum, glee clubs, choirs, operettas.

Physical Education

28 Methods of Teaching Physical Education and Health in the Elementary School

Fulfills the physical education requirement for certification as an elementary teacher.

37 Organization and Administration of Physical Education

Administrative policies, programs, staff, equipment, and intramural activities. One-half course.

38 Teaching of Physical Education

A study of class management, method of presenting subject matter, planning of instruction, and the measurement of the results of the teaching. One-half course.

39a,b Methods in Team and Individual Sports for Women

The analysis of skills and teaching techniques. Objectives, rules, and strategy of of team and individual sports for women. One-half course per term.

Science Education

26 Science in the Elementary School

The content of the elementary school curriculum in science and methods of teaching. One-half course. F.

Social Studies Education

27 Social Studies in the Elementary School

The content of the elementary curriculum in social studies and methods of teaching. One-half course. S.

ENGLISH

Professors Hutcheson, Milne, Voss (Chairman);

Assistant Professors Cowler, Hentz; Mr. Bates, Mr. Bennett, Mrs. Fields, Mr. Sisson

The major includes English 21a,b (both of which should be taken in the sophomore year); 31a,b; and one course from each of the following three groups: (1) 32; 33; 34a,b; 35; 36; (2) 37a,b; (3) 38; 39a,b,c.

21a,b English Literature

Readings in representative writers of the various periods from Anglo-Saxon times to the present, with lectures on their place in the general history of English literature. WS.

25 Expository Writing

The principles of clear and effective expository writing as they apply to the needs of students enrolled in the course. Extensive writing practice with individual conferences. F.

26 Narrative Writing

The techniques of fiction writing. Practice in writing short narratives with individual conferences. (In alternate years. Offered in 1962-63.)

30a,b World Literature

Selected literary masterpieces of the western world from Homer to the present. (Required of sophomores in 1961-62 and of other students with advanced standing who have not taken the course. Offered in 1961-62 only.)

31a,b American Literature

The principal tendencies in American writing from Colonial times to the present, with emphasis on the major writers. FW and WS.

32 Chaucer

The chiefs works of Chaucer and of some of his contemporaries with emphasis on their backgrounds in medieval life and thought. (In alternate years. Offered in 1962-63.)

33 English Literature of the Sixteenth Century

Spenser, Marlowe, and other poets, prose writers and dramatists of the English Renaissance, exclusive of Shakespeare. W. (In alternate years. Offered in 1961-62.)

34a,b English Literature of the Seventeenth Century and Eighteenth Century

(a) Poetry, prose and drama of Donne, Jonson, Milton and other representative writers. (b) The principal neo-classical writers, including the Restoration dramatists, Dryden, Pope, Swift, Johnson. (In alternate years. Offered in 1962-63.)

35 The Romantic Period

The poetry and prose of Coleridge, Wordsworth, Lamb, Hazlitt, Byron, Shelley, Keats, and others. F.

36 Victorian Literature

The major poets and essayists, including Carlyle, Newman, Huxley, Arnold, Browning, and Tennyson. W.

37a,b Shakespeare

About a dozen plays and some sonnets are read in each course, with an intensive analysis of King Lear in 37a and of Hamlet in 37b. S. (Each course offered in alternate years, with 37b being given in 1961-62.)

38 The English Novel

Representative works by major novelists from Defoe to Conrad. F.

39a,b,c Modern Literature

(a) Continental, British and American drama from Ibsen to the present, with special emphasis on Shaw and O'Neill. (b) Works by Joyce, Proust, Mann, Faulkner, Hemingway and other Twentieth Century Novelists and short-story writers. (c) British and American poetry since 1900, with emphasis on Yeats, Eliot, Auden, Frost and other major figures. (In alternate years. 39a offered in 1962-63. 39b,c offered in 1961-62.)

45 Seminar

FOREIGN LANGUAGES

Professors Ashton, Dilkey (Chairman), R. B. Williams; Assistant Professors Wasylik, Florence Williams; ‡Mr. Alverez Barios, Mr. Berry, Mr. Farrell, Miss Goff, Mr. Radandt, Mrs. Saltoun, Mrs. Wilton.

The first year course in any language does not count toward a major. The minimum major requirement will be reduced by the equivalent number of terms of course work taken in secondary school.

The final term course in the first year of foreign language must be completed in order to receive credit for preceding terms taken. One year of secondary school language is assumed to be approximately equivalent to one term of college language and students who have secondary school credit in a language will not be given credit for the equivalent number of terms of the same language taken in college if they should elect to repeat such work.

French

(French 11a,b,c and 21 a,b, or the equivalent are prerequisites to all other courses in French.)

11a,b,c Beginning French

Basic grammar, pronunciation, vocabulary building, simple reading. The equivalent of two days per week will be devoted to conversation and composition. FWS.

21a,b Intermediate French

Reading and discussion of important literary works; grammar review and conversation twice a week. FW.

30 Conversation and Composition

Intensive training in oral and written expression. W. (Offered in 1961-62 only.)

31 Seventeenth Century Literature

The classical period with special emphasis on the dramas of Corneille, Racine, and Molière. S.

‡Part-time

32 Eighteenth Century Literature

The Age of Enlightenment, with special emphasis on Montesquieu, Diderot, Voltaire, and Rousseau. F. (In alternate years. Offered in 1961-62.)

33a,b Nineteenth Century Literature

Romanticism—the poetry, drama, and fiction of the first half of the nineteenth century, followed by Realism and Naturalism—the poetry, drama, and fiction of the second half of the nineteenth century. WS.

34a,b Twentieth Century Literature

The first generation—Proust, Gide, Claudel, Colette, the Sur-realists and others followed by the later writers to the present—Cocteau, Giraudoux, Montherlant, Sartre, Camus, Anouilh and others. (In alternate years. Offered in 1962-63.) FW.

41 Advanced Composition and Conversation

Advanced grammar review; composition with some emphasis on style. Required of majors planning to teach French. (Offered as required.)

45 Seminar

German

(German 11a,b,c, and 21a,b, or the equivalent are prerequisites to all other courses in German.)

11a,b,c Beginning German

Basic grammar, pronunciation, vocabulary building, simple reading. The equivalent of two days per week will be devoted to conversation and composition. FWS.

21a,b Intermediate German

Readings in literature, cultural history, biography and science. Exercise in oral expression through discussion in German of subject matter covered in reading. FW.

30 Conversation and Composition

Intensive training in oral and written expression. S. (Offered in 1961-62 only.)

31a,b Nineteenth Century Literature

Dramatic writing since Goethe: Tieck, Kleist, Grillparzer, Hebbel, Ludwig, Hauptmann. Prose writing: Novalis, Hoffmann, Eichendorf, Heine, Gotthelf, Stifter, Keller, Storm, Meyer, WS. (In alternate years. Offered in 1962-63.)

32a,b Twentieth Century Literature

The eras of Naturalism, Impressionism, Expressionism and the "Neue Sachlichkeit." Hauptmann, Mann, Schnitzler, Hofmannsthal, Rilke, Hesse, Kafka, Bergengruen, Kaestner. Literary work since the Weimar Republic. "Blut und Boden" writers, the postwar realists. FW. (In alternate years. Offered in 1961-62.)

41 Advanced Composition and Conversation

Required of majors. Free composition; advanced grammar review. (Offered as required.)

42a,b Eighteenth Century Masterworks

Intensive readings and analysis of outstanding writings of Lessing, Goethe, and Schiller. Independent study with papers on individual reading. S. (Each course in alternate years with 42a being given in 1961-62.)

45 Seminar

F.

Greek

11a,b,c Beginning Greek

Morphology and syntax of Attic Greek. (In alternate year. Offered in 1962-63.) FWS.

21a,b Intermediate Greek

Plate: The *Apology* and minor dialogues; Homer: selections from the *Iliad* and the *Odyssey*. FW. (In alternate years. Offered in 1961-62.)

Latin

(Latin 11a,b,c and 21a,b or the equivalent are prerequisites to all other courses in Latin.) FW.

11a,b,c Beginning Latin

A structural approach to the study of the language. FWS.

21a,b Intermediate Latin

Introduction to Latin Literature; Cicero's philosophical essays; the *Aeneid* of Virgil. FW.

31 Lyric Poetry

Catullus; the Odes and Epodes of Horace. F. (In alternate years. Offered in 1961-62.)

32a,b The Letters of Cicero and Pliny.

The life and times of Cicero as revealed through his *Epistulae ad Familiares* and *Epistulae ad Atticum*; selections from the letters of Pliny the Younger. (In alternate years. Offered in 1961-62.)

39 Grammar and Prose Composition

(Offered as required.)

41a,b The Roman Historians

Livy, Books XXI, XXII; the *Annals* of Tacitus, with an introduction to the language and literature of the Silver Age. (In alternate years. Offered in 1962-63.)

45 Seminar

Russian

Russian 11a,b,c and 21a,b are prerequisites to all other courses in Russian.

(A major in Russian language and literature will be added to the curriculum for 1962-63.)

11a,b,c Beginning Russian

Basic grammar, pronunciation, vocabulary building, simple reading. The equivalent of two days per week will be devoted to conversation and composition. FWS.

21a,b Intermediate Russian

Graded reading of selected Russian writers, and in regional biography and cultural history. FW.

30 Composition and Conversation

Intensive training in oral and written expression. S. (Offered in 1961-62 only.)

31a,b Nineteenth Century Literature

Readings from Turgenev, Lermontov, Krilov, Chekov, Pushkin, Tolstoy, and Dostoyevsky. FW. (In alternate years. Offered in 1961-62.)

Spanish

(Spanish 11a,b,c and 21a,b or the equivalent are prerequisites to all other courses in Spanish.)

11a,b,c Beginning Spanish

Basic grammar, pronunciation, vocabulary building, simple reading. The equivalent of two days per week will be devoted to conversation and composition. FWS.

21a,b Intermediate Spanish

Writers of recent periods. Grammar review and conversation. FW.

30 Conversation and Composition

Intensive training in oral and written expression. S. (1961-62 only.)

31a,b Survey of Spanish Literature

Spanish literature from its beginnings to the present. (In alternate years. Offered in 1962-63.)

32 Nineteenth Century Literature

The writings of such authors as Zorrilla, Espronceda, Valera, Pérez Galdós, and Pardo Bazán. F. (In alternate years. Offered in 1961-62.)

33a,b Twentieth Century Literature

Readings from Benavente, Ramón Jiménez, Unamuno, Biasco Ibanez, and García Lorca.

34a,b Spanish American Literature

Selected reading from Ilmedo, Marmol, Hernandez, Martí, and Azuela. WS. (In alternate years. Offered in 1961-62.)

41 Advanced Composition and Conversation

Advanced grammar review; composition with some emphasis on style. Required of majors planning to teach Spanish. (Offered as required.)

45 Seminar

GEOGRAPHY

†Mr. Wynne

11 Principles of Geography

An introduction to geography including a study of land, water, air, the distribution of plant and animal life, man and his industries and the inter-relations of these factors. F.

†Lecturer in Evening Session

12 World Regional Geography

A survey of the geographical regions of the world with particular emphasis upon North America and the United States. S.

HISTORY

Professors Hantke (Chairman), Pese; Assistant Professor Kren, Mr. Gardner, Mr. Parrini*

The major includes History 21a,b; 22a,b; 45. Students majoring in history are also required to take English 31a,b (American Literature).

21a,b Europe: 1500-1914

FW.

22a,b The United States

Settlement and expansion of the American nation. FW.

23 The American Economy

Economic growth of the United States from colonial times to the present. W.

24 American Thought

Social and economic thought from John Adams and the "ideologies" of the Eighteenth Century to William James, Woodrow Wilson, and the pragmatists of the Twentieth Century. S.

31a,b Ancient Civilizations

Ancient Egypt, Greece, and Rome. F,W.

32 Medieval Europe

Political, social, and cultural institutions from the decline of the Roman Empire to the Reformation. S.

33a,b English History

WS.

34 Modern Russia

S.

35 The Far East

Rise of modern China and Japan, and their relations with western powers. F.

38 Twentieth Century Europe

World War II: background, political and miliary events, and results or consequences. (In alternate years. Offered in 1962-63.)

39 Twentieth Century America

Major political, social and economic institutions of contemporary America. FS.

45 Seminar

Elements of historical research. F.

46 Seminar: American Studies

47 Seminar: European Studies

*On leave of Absence, 1961-62.

MATHEMATICS AND ASTRONOMY

Associate Professor Burton (Chairman); Assistant Professor Pasiencier; Mr. Lemos, ‡Mr. Randall Dunn

Mathematics

The major includes Mathematics 12b; 21a,b,c; 31; 32a,b; 34. Mathematics 11 and 12a are not included in the major.

11 Introduction to Mathematics

The fundamental concepts with attention to their logical relationship, historical development, and relationship to other fields of study. Prerequisite: One and one-half years of secondary school algebra, and one-half year of secondary school geometry. (This is normally a terminal course, but students may continue with Mathematics 12a or in case of an honor grade, with Mathematics 12b.) F,S.

12a,b Basic College Mathematics

College algebra and an introduction to trigonometry and plane analytic geometry in the first term, and more plane trigonometry and analytic geometry and an introduction to calculus in the second term. This course is intended for students who are planning to major in mathematics, physics, or chemistry or who for other reasons want an intensive course. Prerequisite: Three years of secondary school mathematics or Mathematics 11. (Students with more than three years of high school mathematics may be able to begin with 12b or even with 21a.) WS.

15 Elementary Probability and Statistics

Descriptive statistics, elementary probability, distributions, sampling, statistical inference, regression and correlation, and other topics. Prerequisite: Two years of secondary school algebra or Mathematics 11. F,S.

21a,b,c Calculus with Analytic Geometry

The fundamentals of calculus, a continuation of plane analytic geometry, and solid analytic geometry with geometrical and physical applications. Infinite series, partial differentiation and multiple integration. Prerequisite: Mathematics 12b. FWS.

31 Differential Equations

The solution of ordinary differential equations with attention to applications. Prerequisite: Mathematics 12c. W.

32a,b Advanced Calculus

In the first term, elementary topology, the theory of real functions of several variables, uniform convergence, the gamma function, implicit and inverse functions, Jacobians, multiple integrals and surface area, extremal properties and Lagrange multipliers, vectors and geometrical applications, and improper integrals.

In the second term, the foundations of the real and complex numbers and of set theory, connectedness and the Jordan curve theorem, the Riemann-Stieltzes integral, Jordan content and outer Lebesque measure, infinite series and products, sequences of functions, Fourier series and integrals, and the fundamentals of analytic functions of a complex variable. Prerequisite: Mathematics 31. (Mathematics 32b in alternate years. Offered in 1961-62.) FW.

34 Modern Algebra

The number system, Euclidean algorithm, congruences, polynomials, mathematical groups, rings, fields and matrices. Prerequisite: Mathematics 21c. S.

‡Part-time

35 Linear Algebra

Finite dimensional vector spaces, vector products, linear independence, bases, and applications to geometry and differential equations and advanced calculus. Prerequisite: Mathematics 32b. (In alternate years. Offered in 1962-63.)

36 Higher Geometry

Conic sections, coordinate transformations, solid analytic geometry, and an introduction to projective (non-Euclidean) and differential geometry. Prerequisite: Mathematics 21c. (In alternate years. Offered in 1962-63.)

37 Mathematical Probability and Statistics

Sample spaces, distributions, law of large numbers, central limit theorem, random variables, generating function, runs, sampling, estimation, hypothesis testing, confidence methods, and regression analysis. Prerequisite: Mathematics 21c. S. (In alternate years. Offered in 1961-62.)

45 Seminar

The topics depend on the interest of the students, and the course prepares for Senior Thesis. Prerequisite: Mathematics 32b and Mathematics 34. F.

Astronomy

11a,b General Astronomy

Causes of the seasons, eclipses, tides, phases of the moon, and stellar, planetary, and lunar motions; the calendar, determination of time, the telescope, the sun, planets and satellites, comets and meteors; theories about the origin, development, and structure of the stars and galaxies. Prerequisite: Mathematics 12a or the equivalent. WS.

MUSIC

Associate Professor Arnold Thomas (Chairman), Assistant Professors Bowen, ‡Ruth Thomas; ‡Mr. Huhn

The major includes Music 21; 22a,b,c; 31; and three of the following: 33, 34, 35, 36, 37. (For courses in music education see Department of Education, p. 41. For choral music, see p. 18.)

21 Music Literature and Appreciation

Musical styles and media of performance with emphasis upon listening. No previous knowledge of music required.

22a,b,c Music Theory

Basic vocabulary: scales, intervals, triads, seventh chords, inversions of chords, altered chords. Modulation with emphasis upon four-part harmony, analysis, sight-singing and ear training, keyboard; original work based on examples from music of the eighteenth and nineteenth centuries. FWS.

‡Part-time

31 Counterpoint

Contrapuntal principles of late Renaissance and Baroque music.

32 Advanced Music Theory

Techniques of modern harmony and counterpoint. Written projects and study of contemporary scores.

33 History of Music to 1700

Western music from the pre-Christian era to the 18th Century. F. (In alternate years. Offered in 1961-62.)

34 Eighteenth..Century Music

Musical trends and styles from Bach to Beethoven. W. (In alternate years. Offered in 1961-62.)

35 Nineteenth Century Music

Romanticism in music from Beethoven to Debussy. S. (In alternate years. Offered in 1961-62.)

36 Twentieth Century Music

Trends, techniques and leading composers of modern music. (In alternate years. Offered in 1962-63.)

37 History of Opera

The literature, performance and analysis of the world's great operas. (In alternate years. Offered in 1962-63.)

45 Seminar in Music History

Applied Music

11 Private Instruction

Private instruction in voice, piano, organ, and band and orchestra instruments. One-half hour lesson and six hours of practice per week. Students who complete three three years of instruction will receive credit for one course toward meeting the graduation requirement.

PHILOSOPHY

Professor Sharvy (Chairman); Mr. Cook

The major includes Philosophy 22; 23; 31a,b,c. (Philosophy 21 is a prerequisite to all other courses in the department except Philosophy 22.)

21 Introduction

Philosophical problems in religion, morality, art, and science. F,W,S.

22 Logic

Methods of deductive and inductive reasoning and the sources of common fallacies. F,W.

23 Ethics

Morality and its concepts of good and bad, right and wrong. S.

31a,b,c History of Philosophy

Greek and Medieval; 16th, 17th, and 18th centuries; 19th and 20th centuries. Emphasis on problems of reality and knowledge. Prerequisite for 31c: Philosophy 31b. FWS.

35 Philosophy of Science

Scientific method, causality, induction, the role of theory, and the meaning of scientific explanation. W.

36 Philosophy of Religion

God and his relation to the world and to man; the relation of faith to reason; the problem of evil. F.

37 Philosophy of Art

The nature of a work of art, esthetic experience, artistic creation, relation of art to nature, and the basis of art criticism. S.

41 History of Modern Thought

A philosophical and historical study of art, science, and social thought in modern western civilization. F,W,S.

45 Seminar

PHYSICAL EDUCATION FOR WOMEN

Miss Marjorie Martin (Chairman), Mrs. Wellman

Physical education activity is required of freshman and sophomore students. Sports which may be elected include field hockey, badminton, basketball, volleyball, tennis, archery, bowling, golf, and softball. Other activities which may be elected are modern dance, body mechanics and rythm, square dancing, riding, and hiking. Classes meet three class periods per week or the equivalent time in fewer periods.

For courses in methods of teaching physical education, see Department of Education, p. 41.

Credit in the following courses may be allowed for teacher certification purposes but will not be counted toward the graduation requirement.

11 First Aid and Training Room Techniques

Determination of the nature, extent, and treatment of injuries in ordinary emergencies in order to prevent further injury and death; preventive methods and analysis of various types of injuries, diagnosis, and instruction in taping and bandaging. One-half course.

21 Recreational Activities

Rules and techniques of high and low organized games to be used in recreation and intramural programs. One-half course.

22 Recreation Administration

A study of the problems of teaching and handling of leisure time of the individual and the community. One-half course.

31 History and Principles of Physical Education

A study of the background of physical education and its aims and objectives. One-half course.

PHYSICAL EDUCATION FOR MEN

Assistant Professor Wasylik (Chairman); Mr. Hanke, Mr. Triptow

Physical education activity is required of freshman and sophomore students. Outdoor and indoor physical training, sports, and competitive games make up the program of activities. Classes meet three class periods per week or the equivalent time in fewer periods, depending upon the activity.

For courses in methods of teaching physical education, see Department of Education, p. 41.

Credit in the following courses may be allowed for teacher certification purposes but will not be counted toward the graduation requirement.

11 First Aid and Training Room Techniques

Determination of the nature, extent, and treatment of injuries in ordinary emergencies in order to prevent further injury and death; preventive methods and analysis of various typs of injuries, diagnosis, and instruction in taping and bandaging. One-half course.

21 Recreational Activities

Rules and techniques of high and low organized games to be used in recreation and intramural programs. One-half course.

22 Recreation Administration

A study of the problems of teaching and handling of leisure time of the individual and the community. One-half course.

23 Theory of Football

Practice study of the rules, various styles of play, and team strategy. One-half course.

24 Theory of Basketball

Practical study of the rules, various styles of play, and team strategy.

25 Personal Hygiene

Mental and physical health. Designed to help the individual learn more about himself and his environment. One-half course.

26 Theory of Baseball and Track

Coaching techniques and strategy of these sports. Rules and organization are also a part of the study. One-half course.

31 History and Principles of Physical Education

A study of the background of physical education and its aims and objectives. One-half course.

PHYSICS

Professor Jensen (Chairman); Assistant Professor Donnally; Mr. Lemos, ‡Mr. Randall Dunn

The major includes 11a,b,c or 12a,b,c; 21; 22.

11a,b,c General Physics

The fundamental laws and principles of physics. Competency in algebra and trigonometry is assumed. Four classes and one three-hour laboratory per week. FWS.

12a,b,c General Physics

The same topics as Physics 11 except that calculus is used. Four classes and one three-hour laboratory per week. Prerequisite or co-requisite: Mathematics 21 a,b,c. FWS.

21 Atomic and Molecular Physics

The structure of atoms and molecules from the view point of theory and experiment. Special relativity. Four classes and one three-hour laboratory per week. Prerequisite: Physics 11c or 12c and Mathematics 21a,b. The latter may be taken concurrently. F.

22 Nuclear Physics

The properties and structure of the nucleus as deduced from nuclear reactions. Nuclear models. Four classes and one three-hour laboratory per week. Prerequisite: Physics 21 and Mathematics 21a,b. The latter may be taken concurrently. W.

23 Thermodynamics

The fundamental ideas of temperature, heat, and reversibility; some emphasis on statistical methods. Prerequisites: Physics 11c or 12c and Mathematics 21a,b (Calculus). S.

24 Electronics

Thermionic, photoelectric, and solid state devices and their applications in rectifiers, oscillators and trigger circuits. Three classes and two two-hour laboratories each week. Prerequisite: Physics 11c or 12c and Mathematics 21a,b, (Calculus). S.

31a,b Electricity and Magnetism

Classical electricity and magnetism leading up to and including Maxwell's Equations. Four classes and one three-hour laboratory per week. Prerequisite: Physics 22 and Mathematics 31 (Differential Equations). The latter may be taken concurrently. FW.

32 Physical Optics

Electromagnetic waves related primarily to optical phenomena. Some attention to longer waves. Four classes meetings and one three-hour laboratory each week. Prerequisite: Physics 31 and Mathematics 31 (Differential Equations).

41a,b Analytical Mechanics

Mathematical physics in the field of mechanics culminating in the Lagrangian and Hamiltonian formulations. Five classes per week. Prerequisites: Physics 31 and Mathematics 31 (Differential Equations). FW.

45 Seminar

‡Part-time

POLITICAL SCIENCE

Professor Hartzo (Chairman); Mr. Welling

The major includes Political Science 11, 21, 22, 23, 33, 35, 36a and one of the following: 31, 32, 41. Students who major in political science must also take Mathematics 15 (Elementary Statistics).

11 Introduction

Forms, functions, and processes of modern governments. F,W,S.

21 American National Government

Principles of the federal system; parties and other groups' influences. Current issues and problems. F.

22 American State and City Government

Structure, powers, and intergovernmental relationships. W.

23 Political Parties

American parties, pressure groups, and electoral problems. S.

31 The Constitution

Scope and distribution of powers in our federal system as judicially interpreted. Prerequisite: 21 or permission of instructor. F.

32 Public Administration

Organization, procedures, and functions of governmental departments and other agencies, mainly national. Prerequisite: Political Science 21 or permission of instructor. F.

33 History of Political Ideas

From Plato to the present. W.

34 American Political Thought

From the colonial period to the present. S.

35 International Relations

Historical approach to the problem of peace. S.

36a,b Comparative Government

The government and politics of Great Britain in the first term, followed by the government and politics of France, Russia, and Germany in the second term. (In alternate years. Offered in 1962-63.)

38 American Foreign Relations

Powers and forces affecting the conduct of foreign relations. (In alternate years. Offered in 1962-63.)

41 International Law

The legal relationships of states. W.

45 Seminar

PSYCHOLOGY

Associate Professor Forgus (Chairman);
Assistant Professors Hoogesteger, Peterson; Mr. Rains

The major includes Psychology 11; 21; 31a,b; 32; 33; 34; 41; 45. (Psychology 11 is a prerequisite to all other courses in the department.)

11 Introduction to Psychology

A cross-sectional approach to the basic principles of behavior, including development, learning, sensory physiology, perception, thinking, motivation, emotion, measurement, intelligence, personality and social interaction. F,W,S.

21 The Development of Personality

A developmental approach to human behavior, stressing the reconstruction between experimental and clinical methods. F,W,S.

22 Analysis of Social Behavior

Application of psychological principles to the understanding of group behavior, social conflict, and industrial organization, with special emphasis on specific research problems and tools. S.

24 Tests and Measurements

The essentials of psychological testing and an introduction to statistical methods.

31a,b Experimental Design and Research

Experimental design, statistical reasoning, apparatus use, and research productivity. Prerequisite: Mathematics 15 (Elementary Statistics) or consent of the instructor. FW, and WS.

32 Learning

Experimental and theoretical analysis of learning, including a treatment of the physiological concomitants of behavioral organization. Prerequisite: Psychology 31a,b. F.

33 Motivation

Experimental and existential analysis of the origin and arousal of motives, including a coverage of emotions, conflict, frustrations, guilt, and anxiety. Prerequisite: Psychology 21. S.

34 Cognitive Processes

Principles of the development and organization of perception, learning, and thinking with emphasis on their interrelationship. Prerequisite: Psychology 31a,b. W.

35 Abnormal Personality

Origins, treatment, and case studies of the common behavior disorders. Prerequisite: Psychology 21. W.

41 Modern Psychology in Historical Perspective

Contemporary systematic psychology in the light of its historical emergence from the philosophical movements mainly in Britain and Germany. Prerequisite: Psychology 11 and Senior standing. F.

45 Seminar on Curent Problems and Theory

Critical analysis of contemporary research and theory in psychology with a view toward integration and prognosis. (Open to Psychology majors only.) Prerequisite: Senior standing. S.

RELIGION

Professors Bartlett (Chairman), Cole; Associate Professor Smucker

21 Old Testament

The character of the Hebrew religion, its development in relation to the history of Israel, and forms of its expression in literature. F,S.

22 New Testament

The life of Jesus, the rise of the early church and expressions of its faith. W.

24a,b History of Christianity

Major patterns of Christian thought and life in the history of the church: (a) Beginnings through the Middle Ages; (b) the Reformation to the present. (24a is not a prerequisite to 24b.) W,S.

27 Christian Ethics

Basic issues relating to Christian conduct: revelation and natural law, love and justice, perfectionism and relativism; application to concrete contemporary problems in the social order. F,W.

31 Living Religions

Some of the major religious traditions of the world, with readings in their scriptures. F.

32 Religion in America

The historical development of religion in America and the interplay of religious, social, and cultural factors. Special attention to the rise of religious pluralism. (In alternate years. Offered in 1962-63.) S.

34 Christianity and Modern Culture

The response of Christianity to scientific, cultural, and social changes of the modern era, particularly expressions of the scientific spirit in the behavioral sciences and philosophy, and the existentialist revolt against reason. S.

36 Philosophy of Religion

(See Philosophy 36.) F.

SECRETARIAL TRAINING

Assistant Professor Reynolds

Credit in these courses may be allowed for teacher certification purposes, but will not be counted toward the graduation requirement.

11 Elementary Typewriting

Mastery of the keyboard by the touch system. Use and care of the typewriter. S.

12a,b Shorthand

Beginning Gregg shorthand by the simplified method. Mastery of the shorthand vocabularly. Dictation requirement, 80 words per minute at end of both courses. FW.

21 Advanced Shorthand

Dictation and transcription of business letters. Dictation requirement at end of course, one hundred words per minute. Prerequisite: Secretarial Training 12a,b, or equivalent. S.

31 Secretarial Practice

Office experience, ethics, manners, telephone techniques, composition of business letters, transcription and filing. Prerequisite: Secretary Training 21 or equivalent. S. (In alternate years. Offered in 1962-63.)

SOCIOLOGY AND ANTHROPOLOGY

Associate Professor Roos (Chairman);
Assistant Professor Tomashevich; Mr. Gerasimo

The major includes one of the following sequences: In sociology, Sociology and Anthropology 11, 23, 31, 32, 33, 42, 43; in anthropology, Sociology and Anthropology 11; 22; 32; 34a,b,c; 44. All students who major in the department are required to take Mathematics 15 (Elementary Statistics). Sociology and Anthropology 11 is a prerequisite to all other courses in the department.

11 Human Society

Organized around four classes of questions: the biosocial nature of man; the universal characteristics of human societies; the variations from one society to another; and the nature of the change from precivilized to civilized society. F,W,S.

22 Social Research—Anthropology

Analysis of research reports chosen to illustrate the kinds of questions asked and the methods used in answering them, ranging from physical anthropology and prehistoric archeology to ethnography and ethnology. W.

23 Social Research—Sociology

Analysis of research reports chosen to illustrate the kinds of questions asked and the methods used in answering them, ranging from small groups to bureaucracies, rural to metropolitan communities, science to religion. S.

31 Work and Leisure

Comparative study of the patterns of work and leisure in "folk," "urban," and "mass" societies; of the transition from work for survival, work as vocation, to work for leisure; of relation to family, social class, power, technology, bureaucracy, values, beliefs, and ideologies. F.

32 Religious and Political Institutions

Comparative study of the role of folkways, mores, laws, power, authority, ritual, myths, beliefs, ideologies, and knowledge in "folk," "urban," and "mass" societies. W.

33 Process of Socialization

Comparative study of process of becoming a person in "folk," "urban," and "mass," societies with emphasis on role of family, education, social class, national character, urbanization, and industrialization. S.

34a,b,c Peoples and Cultures of the World

The course is designed to help the student grasp the relative importance and meaning of cultural differences and similarities analyzed from one society to another in terms of technology and economy, population pressures (demography), kinship and non-kinship categories of socio-political organization, culture and personality, language and culture, folklore, art and religion, and other manifestations of the world view and ethos.

The first term deals with Asia and Europe with emphasis on Asia; the second term, with Africa with emphasis on the transition from colonialism to independence; the third term, with Australia, Oceania, and the Americas with emphasis on the native, pre-European peoples of the Americas and their interaction with later settlers and conquerors. FWS.

42 The Group and the Person

Theory and research in problems of personality and social structure, personality and culture, personal influence, elementary social behavior, small groups, and socialization. F. Prerequisite: Sociology and Anthropology 33.

43 Social Structure

Theory and research in problems of demography, urbanization, race and ethnic relations, social class, social differentiation, occupations, and bureaucracy. W. Prerequisite: Sociology and Anthropology 31.

44 Culture

Theory and research in problems of the science and evolution of culture and of culture and its relation to man's biosocial, psychological, natural environmental and historical dimensions. S. Prerequisite: Sociology and Anthropology 32.

45 Seminar

WESTERN CIVILIZATION

11a,b,c Western Civilization

An exploration of the background of western civilization through the study of the institutions, thought, and literary expression of Greece and Rome, and of medieval and modern European society. Lectures, small discussion groups, and the writing of frequent papers, which are discussed in individual conferences. FWS. (Required of all freshmen.)

SPEECH

Professor Martin (Chairman); Assistant Professor Byrne

11 Public Speaking

Preparation and criticism of the practice of both formal and informal public speeches, including exposition, narration, description, argumentation, persuasion. Two hours of class per week. Students who complete three years of instruction in this course will receive credit for one course toward meeting the graduation requirement. F,W,S.

20 Interpretative Reading

Concerned with mental and vocal technique required to interpret various literary forms. (Offered in 1961-62 only.) F,W.

25 Language and Semantics

A systematic study of the history of the English language, including inquiry into the impact of language usage on individual behavior and on society.

30 The History and Criticism of American Public Address

A study of the great speakers of American history, with an analysis of the issues with which they are associated, and criticism of the composition and delivery of their speeches. (Offered in 1961-62 only.) F.

CULTURAL EVENTS ON CAMPUS

1960-61

September	17	Opening Convocation: Address, William Graham Cole, President of the College.
October	2	Films: "Diabolique" and "The Cask of Amontillado."
October	2	Vespers: Dr. Harold Bosley, Pastor of First Methodist Church, Evanston, "The Christian Understanding of Unity."
October	5	Lecture: Dr. Ronald H. Forgus, Associate Professor of Psychology, "South Africa: The Handwriting on the Wall."
October	12	Lecture: Dr. Edwin C. Reichert, Professor of Education, "Changing Educational Programs in the U.S.S.R."
October	19	Lecture: Dr. A. Allan Bates, Vice President in Charge of Research, Portland Cement Association, "Russia, 1960."
October	21	Concert: Ken Nordine, poetry reader: "Word-Jazz."
October	24, 25	Lectures: Dr. Edward U. Condon, Head of Physics Department, Washington University, "Science and Survival" and "The Scientists' Responsibility to Society."
October	30	Vespers: Canon John W. Pyle, Episcopal Chaplain, University of Chicago, "Reflections on Worship."
November	2	Lecture: Dr. George O. Abell, Assistant Professor of Astronomy, University of California, "Exploring the Farthest Reaches of Space."
November	4	Film: "Triumph of the Will," Nazi propaganda.
November	3, 4, 5	Garrick Play: "The Dark at the Top of the Stairs."
November	14-20	Art Exhibit: "Old Masters." Loan exhibit from private collections in the Chicago area.
November	15	Lecture with musical illustrations: Irwin Jospe, pianist, composer, and conductor, "A Musician Looks at Art and Music."
November	18	Inaugural Symposium: "The Promise and the Problem of Liberal Education, 1960-70," President Howard R. Bowen, Grinnell College, Social Sciences; Professor Robert G. Davis, Columbia University, Humanities; and Professor I. Bernard Cohen, Harvard University, Natural Sciences.
November	19	Inauguration of Dr. William Graham Cole as tenth president of Lake Forest College. Address: President James Phinney Baxter III, Williams College.
November	20	Film: "Pather Panchali."
November	22	Lecture: Franz Schulze, Associate Professor of Art and Artist in Residence, "An Artist Looks at Music and Art."
December	2	Poetry Seminar: Howard Nemeroff, poet.

December	4	Vespers: Dr. Paul L. McKay, President of Millikin University, "Perspectives and Providence."
December	5	Lecture: Dr. Marjorie Reeves, Danforth visiting lecturer, Vice-rincipal and Fellow, St. Anne's College, Oxford, "Man, the Questioning Animal."
December	6	Convocation: Dr. Marjorie Reeves, "Academic Freedom."
December	8	Lecture: Dr. Erich Heller, Professor of German, Northwestern University, "The Modern German Mind — The Legacy of Nietzsche."
December	15	Christmas Concert: Lake Forest College Music Department.
January	3	Concert: Mitchell Andrews, Pianist.
January	8	Film: "The Idiot."
January	11	Lecture: Dr. Jose Ferrater Mora, Professor of Philosophy, Bryn Mawr College, "An Approach to Existentialism."
January	12-14	Garrick Play: "Antigone," adaptation of Sophocles' play by Jean Anouilh.
January	17	Address: Senior Class Chapel, Norman E. Welling, Instructor in Political Science and History.
January	18	Lecture: John Scott, special assistant to publisher of *Time* Magazine, "The New Europe."
January	19	Lecture: Dr. Jordan M. Scher, Assistant Professor of Psychiatry, Northwestern University School of Medicine, "Existentialism in Psychotherapy."
February	5	Film: Richard III.
February	7	Convocation Address: Dr. William Graham Cole, President of the College.
February	12	Film: "Last Stop."
February	12	Piano Recital: Ann D. Bowen, Assistant Professor of Music, and Ruth C. Thomas, Assistant Professor of Music.
February	14	Lecture: Dr. M. F. Ashley Montague, anthropologist and author, "The Natural Superiority of Women."
February	16	Lecture: Dr. Irenaus Eibl-Eibesfeldt, Viennese psychologist, "Ecology of Animal Behavior."
February	19	Vespers: Dr. Martin Marty, Managing Editor, Christian Century, "The New Shape of American Religion."
February	28	Dr. George L. Mosse, Professor of History, University of Wisconsin, "Germany's Dissent from the West: The New Romanticism."
March	3	Lecture: Professor Germaine Breé, Institute for Research in the Humanities, University of Wisconsin, "Sartre and Existentialism."

March	9	Symposium: "Sexual Attitudes and Western Morality," Professors Ronald H. Forgus, Donald E. Roos, Robert L. Sharvy, and Donovan E. Smucker. Moderator: President William Graham Cole.
March	12	Film: "Rasho-Mon," Japanese award-winning film.
March	12	Vespers: Dr. Nathan A. Scott, Jr., Professor of Theology and Literature, The University of Chicago, "The Tragic Vision and Christian Faith."
March	16	Lecture: Dr. David Bakan, Professor of Psychology, University of Missouri, "Socio-Economic Background of Psychoanalysis in America."
March	21	Convocation Address: Paul Engle, Director of Creative Writing, University of Iowa, "Poetry and People."
March	23-25	Garrick Play: "Twelfth Night."
April	11	Lecture: Dr. Frank A. Brown, Professor of Biology, Northwestern University, "Biological Rhythm and 'Clocks'."
April	16	Piano Recital: Sheldon Shkolnik, award winner in national competition of Society of American Musicians.
April	18	Lecture: Franz Schulze, Associate Professor of Art and Artist in Residence, "Contemporary Art, A Disenchanted View."
April	21	Symposium: "What Constitutes Greatness in Art?" Panel: Professors Franz Schulze, Minerva Pinnell, Ann Bowen, Rosemary Cowler, W. Werner Pese, and Robert Sharvy. Moderator: Dr. Marvin C. Dilkey, Professor of German.
April	27	Lecture: Dr. Raymond B. Cattell, Research Professor in Psychology, University of Illinois, "The Study of Personality — Science or Art?"
April	30	Vespers: President Cole, "Dealing With Our Doubts."
May	7	Film: "Metropolis."
May	9	Honors Chapel: Address, President Cole.
May	14	Student-Faculty Public Affairs Seminar: "Did the U.S. Err on the A Bomb?" Leader, Mr. Ralph A. Bard.
May	21	Senior Recitals: Ronald Schoeberlein, baritone; Bette Busch and Nancy Neier, pianists.
May	21-26	Sculpture Exhibit: Helmut Van Flein, Instructor, Department of Art.
May	23	Senior Chapel: Address, Norman E. Welling, Instructor in Political Science and History, "A Time for Growing."
May 29 - June 2		Senior Art Exhibit: Carlene Benson, Lynn Gould, Mitra Moezzi
June	8	Huntley, and Seppo Aarnos. Baccalaureate Service: Address, President Cole, "Challenge and Response."
June	10	Commencement Address: Dr. Lowell T. Coggeshall, Vice-President, University of Chicago, "Science in the Modern Setting."

THE BROSS FOUNDATION

In 1879 William Bross entered into an agreement with the Trustees of Lake Forest University whereby there was transferred to the Trustees a fund, the income of which was to accumulate in perpetuity for successive periods of ten years, the accumulations of one decade to be spent in the following decade, for the purpose of stimulating the production of the best books or treatises "on the connection, relation, and mutual bearing on any practice science, or the history of our race, or the facts in any department of knowledge, with and upon the Christian Religion." From time to time until his death in 1890, Mr. Bross made contributions to the fund, which was to serve as a memorial to his son, Nathaniel, who died in 1856.

To achieve his aim Mr. Bross devised two methods for the production of books and the dissemination of Christian knowledge. One was by conducting competitions, which were to be open to the "scientific men, the Christian scholars, and historians of all nations." The second was by the sponsorship of lectures at Lake Forest College which would bring to the campus some of the leading scholars of the world.

During the period of its activity, the Foundation has published seventeen volumes, which have come to be known as the Bross Library.

Bross Foundation Award Winners

1. *Evidences of Christianity*—Mark Hopkins, 1880
2. *The Bible, Its Origins and Nature*—
   Professor Macus Dodds, New College, Edinburgh, 1903
3. *The Problem of the Old Testament*—
   Rev. James Orr, United Free Church College, Glasgow, 1906
4. *The Bible of Nature*—
   Professor J. Arthur Thomson, University of Aberdeen, 1907
5. *Religions of Modern Syria and Palestine*—
   Dr. Frederick Bliss, Beirut, 1908
6. *The Sources of Religious Insight*—
   Professor Josiah Royce, Harvard University, 1911
7. *The Mystical Interpretation of the Gospels*—
   Rev. Thomas J. Thoburn, Hastings, England, 1915
8. *The Will to Freedom*—
   Rev. John Neville Figgis, Mirfield, England 1915
9. *Faith Justified by Progress*—
   Professor Henry Wilkes Wright, Lake Forest College, 1916
10. *Bible and Spade*—Rev. John P. Peters, Sewanee, Tenn., 1921
11. *Christianity and Problems of Today*—
    Composite authorship (group of lectures given by several men on occasion of inauguration of President Herbert McComb Moore), 1920

12. *The Biblical Idea of God*—
M. Bross Thomas, Professor Emeritus of Lake Forest, College, 1923

13. *The Reasonableness of Christianity*—
Professor Douglas Claude McIntosh, Yale University, 1925

14. *England's First Library*—
Rev. James McClure, President Emeritus of Presbyterian Theological Seminary, 1929 (Published under title, *The Supreme Book of Mankind*)

15. *Christianity—An Inquiry into Its Nature and Truth*—
Dr. Harris Franklin Rall, Garrett Biblical Institute (50th Anniversary Competition), 1940

16. *Modern Poetry and the Christian Tradition*—Amos N. Wilder, Professor of New Testament Interpretation in the Divinity School of Harvard University, 1950

17. *Language and Faith: An Essay in Sign, Symbol and Meaning*—
John A. Hutchison, Danforth Professor of Religion and Philosophy at Claremont Graduate School.

Unpublished lectures given under the Bross Foundation are "Obligatory Morality," Francis Patton, President, Princeton Theological Seminary; and "The Christian Message and the Moral Law," a series of three campus lectures given as part of the Lake Forest College Centennial by Professor Paul Tillich of Harvard University, 1957.

SCHOLARSHIP AND LOAN FUNDS

SCHOLARSHIPS

Each year the Board of Trustees set apart certain funds to be used for scholarships and grants-in-aid. In addition, income from the following funds is available for scholarships:

Endowed Scholarship Funds, given by friends of the College $14,725

The Reverend and Mrs. Lemuel Brooks Scholarship Funds, given by the Reverend Lemuel Brooks of Churchville, N.Y., in 1880, 1881, and 1883 8,000

The Jacob Beidler Scholarship Fund, given by Mr. Jacob Beidler of Chicago, in 1882 and 1889 5,500

The William Bross Scholarship Funds, given by Mr. William Bross of Chicago, in 1883 1,500

The Reid Scholarship Fund, given by Mrs. Simon S. Reid of Lake Forest, in 1905 2,500

The Eliza O. Lind Scholarship Fund, by bequest of Mrs. Sylvester Lind of Chicago, in 1906 4,000

The Rufus N. Sage Scholarship Fund, by bequest of Mrs. Ellen Sage of Chicago, in 1911 6,000

The Arthur Dana Wheeler Memorial Scholarship Fund, given by Mrs. Wheeler, Miss Ellen Holt, and Messrs. Charles S., George H., and William Arthur Holt, in 1916 2,500

The John J. Halsey Scholarship, given by the family of Professor Halsey, who was D. K. Pearson's Professor of Political and Social Science and a member of the faculty from 1878 to 1919, and added to a scholarship fund contributed by a friend of Professor Halsey in 1924, to be awarded to a student majoring in one of the social science departments 4,000

The Francis Beidler Scholarship Fund for men 15,000

The Elizabeth L. Beidler Scholarship Fund for women 15,000

The Annie C. Defebaugh Meyer Scholarship Fund, by bequest, in 1935 5,000

The Herbert M. Moore Memorial Scholarship Fund, given by Mrs. Moore in memory of her husband, the late President Herbert M. Moore of Lake Forest College, in 1946 2,000

The Charles A. Yount Memorial Scholarship Fund, given by friends of Dr. Charles A. Yount, Professor of English at the College, in his memory, to be awarded to a regularly enrolled student who is completing his junior year in the Division of Humanities, and who shows outstanding scholarly and creative achievement and promise, in 1949 2,500

The Edward F. Bessey Scholarship Fund for Men, given by bequest, in 1950.... 10,000

The Sarah Whitnell Memorial Scholarship Fund, by bequest, in 1951 2,000

The Elizabeth Gordon Andrews Scholarship Fund, given by Dr. Elizabeth G. Andrews, class of 1901 2,000

The Ruth Hendrickson Wood Science Scholarship Fund, given by J. Howard Wood in 1961, for young women in science or mathematics 9,750

The Jack Hyder Memorial Fund Scholarships for members of the Alpha Chi (Lake Forest) chapter of the Kappa Sigma Fraternity by bequest of Mrs. K. Lee Hyder, Milwaukee, Wisconsin, in memory of her son, in 1951.....117,000

The Joseph P. Nash Memorial Scholarship Fund, given by friends of Mr. Joseph P. Nash, Associate Professor of Art at the College, in his memory, to be awarded to an outstanding student majoring in art, in 1952 1,700

The Mr. and Mrs. L. H. Rose Scholarship Fund, given by Mr. and Mrs. Louis Rose of Chicago and their friends in 1952 30,000

The Fred E. Bates Memorial Scholarship Fund, given by friends of Mr. Fred E. Bates, Class of 1914, and member of the Board of Trustees 1944-1953, in his memory, in 1953 1,800

The Ralph K. Jones Scholarship Fund for Men, by bequest of Mrs. Jones in memory of her husband, who was Director of Athletics at Lake Forest College, in 1953 20,000

The Daniel Wentworth Scholarship Fund, given by friends of Mr. Daniel Wentworth, Class of 1929, in his memory, in 1953 1,500

The Elizabeth M. Lind Scholarship Fund, given by her family and friends, in her memory, in 1954 1,275

The Herbert D. Peterson, Jr. Memorial Scholarship Fund for a member of the Phi Pi Epsilon Fraternity, given by Mr. and Mrs. Herbert D. Peterson in memory of their son, and augmented by the gifts of friends, in 1955 10,000

The Edward A. Chappell Scholarship Fund, given by Mrs. Chappell in memory of her husband, Class of 1909, in 1957 15,000

The Warren A. Peterson Memorial Scholarship Fund, given by Mrs. Peterson in memory of her husband, Class of 1932, in 1957 1,000

The Harry Wolf, Jr. Scholarship Fund, given by Mr. Wolf, Class of 1950, in 1957 1,500

The W. R. Meadows Memorial Scholarship Fund, given by Mr. Harry G. Meadows, Class of 1944, in memory of his father, Mr. W. R. Meadows, Class of 1918, in 1958 5,000

John R. Thompson Memorial Scholarship Fund, given by his daughter, Mrs. Thompson McGibeney 10,500

Joseph B. Fleming Scholarship, given by Mr. Joseph B. Fleming, a member of the Board of Trustees of the College 27,000

Robert R. McCormick Charitable Trust Scholarship 30,000

The Homer S. Cummings Scholarship Fund, established by bequest of the former U. S. Attorney-General 2,500

There are also available to Lake Forest College students a number of scholarships, the funds for which are contributed annually by corporations and friends of the College. These include the following:

The Bell and Howell Foundation Scholarships, awarded preferably to employees of Bell and Howell Co. or to sons or daughter of employees and if not to these, to an outstanding student.

The W. Rowland Dunsmore Scholarship, awarded to a freshman man residing outside the Lake Forest area.

The First National Bank of Lake Forest Scholarships, awarded to one man and one woman each year.

The James S. Kemper Foundation Scholarships awarded to a man expressing interest in preparing for insurance administration.

The Lake Bluff Union Church Scholarship, awarded to a pre-ministerial student.

The Lake Forest Women's Club Scholarships, awarded to women graduates of the Lake Forest High School who currently reside in Lake Forest.

The Mr. and Mrs. Louis Pickus Scholarship, awarded to a resident of Lake County, Illinois.

The David P. Scobie Scholarship, given in his memory by Mrs. Diane Coulter of Chicago.

The Peter Taylor Snite Memorial Scholarship, given by Mr. and Mrs. John T. Snite in memory of their son and awarded to a man who in addition to good scholarly achievement also shows leadership in extracurricular campus activities.

Lake Forest College grants two full scholarships to Presbyterian young people from the Presbytery of Chicago.

Presser Music Foundation Scholarship, given annually to a music student.

Foreign Student Scholarship Fund—A fund for the assistance of students other than U. S. citizens. Given by various friends—1961.

Prospective students who wish information about scholarships should write or call the Office of the Dean of Students or the Director of Admissions for the Lake Forest College Scholarship Brochure.

LOAN FUNDS

Pearsons Loan Fund from property given by Dr. D. K. Pearsons of Chicago in 1889.

Henry Strong Education Foundation scholarship loans to qualified upper classmen under twenty-five years of age.

The North Shore Chi Omega Association loan fund established in 1939 to assist women students.

The Jack Wiechers Memorial Loan Fund established by Mr. and Mrs. John Wiechers of Sarasota, Florida in memory of their son, Jack, of the Class of 1943.

The Marty Brill Student Loan Fund (for emergency short term loans), given by the family of Marty Brill, in 1959.

EXPENSES

Resident Students

Tuition, room, board, linen, health insurance, and student activity fee.....$2000.00

Non-Resident Students

Tuition and student activity fee 1200.00
(Health insurance optional—$25.00)

Part-Time Students

One Course 150.00
Two Courses 275.00

Auditing Students

Per Course (when student is not full time) 65.00

The College reserves the right to change charges as occasion demands.

SCHEDULE OF PAYMENTS

Resident		Non-Resident	
By May 1—Room Deposit	$ 50.00	By September 26, 1961.....	$ 400.00
By September 26, 1961	850.00	(Health insurance, if desired—$25.00)	
By January 2, 1961	550.00	By January 2, 1962	400.00
By March 28, 1962	550.00	By March 28, 1962	400.00
TOTAL	$2000.00	TOTAL	$1200.00

New students may deduct the $50.00 admission deposit from the first payment due by September 26, 1961.

Registration is not complete until the student has settled his account in the Business Office. Class cards and identification cards will not be issued until all necessary financial arrangements have been made.

Diplomas and transcripts are withheld from those who have not met their financial obligations to the College.

SPECIAL CHARGES

APPLICATION FEE (to be paid only once) ..... $ 10.00

LATE PAYMENT 10.00

LATE REGISTRATION 5.00
For failure to register or complete registration on the designated days.

CHANGE IN REGISTRATION 3.00
For each change in registration made after classes begin.

CHANGE IN ROOM ASSIGNMENT 3.00
For a change in room assignment made after ten days of the term have elapsed.

SPECIAL EXAMINATIONS 5.00
For each condition or special final examination, unless excused.

EXAMINATION FOR CREDIT ..... *per course* 7.50

MUSIC—Voice, Violin, Piano, Band Instruments, or Theory
Private Instruction
One half-hour lesson a week ..... *10 lessons per term* 40.00
(This rate applies only to full-time students of the College.)

One half-hour lesson ..... *per lesson* 5.00
(This rate applies to part-time students for credit or non-credit and to full time students who take fewer than *10 lessons per term*)

Practice Room
Organ—One hour per day ..... *per term* 17.50

WITHDRAWAL

The educational services and activities of the College are planned on the basis of anticipated income for the academic year. It is assumed that students who enroll will remain throughout the current term. In cases where students find it necessary to withdraw during a term, only a portion of the term charges can be refunded.

Non-attendance at classes or moving from the dormitory does not constitute withdrawal and the last date of class attendance is not the termination date used in adjusting charges. Official withdrawal, which determines the termination date used in assessing charges, is dated from the time the proper withdrawal form is signed in the Office of the Dean of Students.

For students withdrawing officially through the Office of the Dean of Students, charges will be 20% per week or fraction thereof for the first five weeks of the term, with no refund after the beginning of the fifth week.

The first Saturday after the opening of classes in each term marks the end of the first week.

Refund is made on tuition and board only, according to the following schedule:

	Tuition Charge	*Tuition Refund*	*Board Charge*	*Board Refund*
First Week	$ 80.00	$320.00	$ 30.00	$120.00
Second Week	160.00	240.00	60.00	90.00
Third Week	240.00	160.00	90.00	60.00
Fourth Week	320.00	80.00	120.00	30.00
Fifth Week	400.00	0.00	150.00	0.00

Rooms are rented on a yearly basis only and no refunds are made. The application fee, room and admission deposits paid by new students are not refundable.

Student insurance, activity, and board privileges are valid only as long as a student is enrolled in the College and the cards covering these must be surrendered upon withdrawal.

These provisions apply to all students, whatever may be the reason for withdrawal or dismissal.

All charges are due on or before the beginning of each term. Any other arrangements must be made *prior* to registration. In an effort to assist the student and parent in the payment of tuition, Lake Forest College is associated with two organizations, The Tuition Plan Incorporated and the Insured Tuition Plan by which tuition costs may be spread over several months.

Full information about the plans will be sent to each student following his admission to the College, or it is available earlier on request to the Business Office of the College.

SUMMARY OF ENROLLMENT

1960-61

DAY SESSION	*First Semester*			*Second Semester*			*Total Enrollment**		
	Men	*Women*	*Total*	*Men*	*Women*	*Total*	*Men*	*Women*	*Total*
Seniors	71	66	137	62	69	131	73	68	141
Juniors	96	65	161	96	53	149	101	69	170
Sophomores	112	76	188	90	79	169	120	86	206
Freshmen	137	139	276	123	128	251	145	142	287
Unclassified	18	14	32	17	16	33	22	23	45
Auditors	3	11	14	1	7	8	3	12	15
	437	371	808	389	352	741	464	400	864
EVENING SESSION	279	227	506	222	168	390	358	282	640
SUMMER SESSION—1960							189	171	360
						GROSS TOTALS	1011	853	1864
						Less Duplicates	–104	–61	–165
						NET TOTAL FOR YEAR	907	792	1699

DEGREES CONFERRED

1960

Honorary Degrees

DOCTOR OF DIVINITY . . . . . E. FAY CAMPBELL
DOCTOR OF LAWS . . . . . PHILIP R. CLARKE
DOCTOR OF LAWS . . . . . MARGUERITE STITT CHURCH

DEGREES IN COURSE

Bachelor of Arts

Division of Humanities

Terry Sue Alschuler	English
Angela Pelton Anthony	French
Edwin Thompson Bagley, Jr.	Music
Mary Ann Baker	English
Mary Helena Bidinger	English
Barbara Anne Bingert	English
Jacqueline Kaye Bingert	Art
John Edward Bostock	Speech
Genevieve Ryan Brackin	English
Susan Fay Carr	Art
Valerie Ann Chernals	English
William Robert Darush	Speech
David Alfred Decker	English
Elaine Mary DeGaetano	English
Jean Eddy Duncan	Religion
Tontia Sue Ferm	Speech
Joseph E. Fobart	Modern Languages
Karen Joan Frenzel	English
John Erving Garrity, Jr.	Spanish
Patricia Ann Gerecke	Speech
Margaret Josephine Haines	Philosophy
Victoria Hall	Speech
Mary Elizabeth Hartwell	Speech
Barbara Frances Havlicek	English
David Jordan Henderson	English
David Rupert Hoods	Speech
Mary Montgomery Iber	French
Diana Phyllis Karasik	English
Jeffrey Cleveland Kinney	Speech
Joan Elizabeth Lofstrom	Spanish
James Mount Macke	Speech
Diana Major	English
Sanford E. Marovitz	English
David Barrett Mathis	Speech
Beatrice Amy McClory	French
Carolann McCready	English
Betty Jane McNally	French
Virginia Terese Mirabella	Spanish
Mary Ann Moore	English
James N. O'Connor	Music
Phillip Lee Quigley	Speech
Dean Carter Raida	Philosophy
Marcia Ann Rutherford	English
Betty Pickard Scott	Spanish
Marie Ava Spriggs	Speech
Rita Lorraine Stull	English
Carol Lillian Svoboda	English
Elizabeth Law Tinker	Art
Jan Jarred Toof	English
Elizabeth Ann Vaux	French
Robert Leslie Weiner	Speech
Roger Alan White	Philosophy
Truell Radabaugh Wiess	English
William Webster Wiess	Art
John Charles Wilson	German
Frederick Lewis Wine	Philosophy
Joanne Rollins Wood	English
Marjorie Ann Zoelck	English

Division of Social Sciences

Darlene Joyce Allen	History
Roger Boyd Anderson, Jr.	Political Science
Alton Millard Bathrick	Economics
James Albert Brown	History
Martin Jay Brown	History
Mildred Louise Buck	Sociology
Alan Gage Buckley, Jr.	History
Stuart Bernard Cassell	Economics
Richard Hoke Compere	Economics
Mary Claire Crone	Sociology
Carol Diane Fitz Simons	History
James Louis Foster	Economics
Eve Rubin France	History
Ellen Niblack Frew	Economics
Franklyn Brian Fullmer	Economics
Mary Gail Gansberg	History
Esther W. Hosken	History
Stephen George Janick III	History

Patricia Ann Klein	Sociology
Honor Cooper Leider	Sociology
Michael John McAuliffe	History
Joseph Howard McCord	History
Mary Jane McKenzie	History
Raymond Ashton Mitchell, Jr.	Economics
John Howard Moore	Sociology
Kevin D. Moore	History
Anthony Michael Moran	History
James Scott Mullins	Economics
Rhoda Ann Orner	History
John Wilson Palmer	History
Paul Searing Pihl	Economics
Laurence Mehl Rosenberg	Economics
James Bernard Scallan	Political Science
Bruce John Spillar	Economics
Peter Ashby Stodder	Political Science
James Lee Valentine	History
Marilyn Frances Weclew	History
James Cyril Wehrheim	Economics
Leslie Ann Weyrough	Sociology
John Richard Wilhelm	History

Division of Natural Sciences

Evan Lloyd Ausman, Jr.	Physics
Emogene Below	Biology
Melvin Frank Otto Blaurock, Jr.	Chemistry
Ruthane Ione Bopp	Mathematics
Barbara Ann Brinkman	Biology
Leonard Charles Britton	Chemistry
Andrew Denny Cohen	Biology
Ruthann Cree	Psychology
Irwin Jerome Czosek	Physics
John Russell Duncan	Biology
Nancy Jane Fullmer	Psychology
Cheryl Renee Grubb	Psychology
Marilyn Clifford Hampton	Psychology
Sandra Sue Hitchcock	Psychology
William Frank Jorgensen, Jr.	Psychology
Wayne Alan Kuhn	Mathematics
Judith Lynn McElroy	Biology
Robert Scott Merolla	Biology
Antoinette Agnes Minuzzo	Psychology
Joyce Carol Mullery	Psychology
Carol Gene Schleifer	Biology
John William Spellman	Psychology
Warren Thomas Strong	Physics
Joseph A. Strosnik	Chemistry
John William Thomas	Chemistry
Gary Keith Tollaksen	Biology
Sandra Beth Vorbeck	Biology
Donald John Zach	Mathematics

Bachelor of Arts In Business Administration

Thomas Gerald Adams	Donald Gordon Knabe
Philip John Anen	Richard Allen Knudson
Joseph Don Badamo	John Philip Kudla
Richard Orville Bjorgo	Paul Webster Manning, Jr.
Richard Johnson Bond	Margaret Mary McKune
Robert Otto Brickman	Robert Edward North
Harry Dunreith Conkey II	Edward J. Okpisz, Jr.
Donald James Eaman	Peter C. Strasburg
Jerome Edward Engram	Chester Joseph Strzelczyk, Jr.
Dennis Clark Fulton	David Wallace Stupple
Ray Thomas Giles	Richard D. Teising
Robert George Groh	Robert Louis Toth
Joseph Matthew Hoffmann	Angelo Vanoni
James Brown Hood	David Paul Warning
William Wesley Horning, Jr.	Roy Allen Whiteside, Jr.
Roald Gilman Johnson	Charles Melvin Willms
Robert Wilson King	F. Russell Zartler

COLLEGE CALENDAR
1961-62

Fall Term

September	20	Wednesday	Conference of new faculty
	21-22	Thursday	Conference of all faculty
	23-26	Saturday	New student orientation
	25-26	*Monday*	*Registration*
	27	Wednesday	Day Session classes begin, 8:30 a.m. Evening Session classes begin, 7:00 p.m.
November	3	Friday	Mid-term grade reports for freshmen due, 12:00 noon
	23	*Thursday*	*Thanksgiving Day holiday*
December	7	Thursday	Classes end
	8	Friday	Free day
	11-15	Monday	Final examinations

Winter Term

January	3	Wednesday	Day Session classes begin, 8:30 a.m. Evening Session classes begin, 7:00 p.m.
February	8	Thursday	Mid-term grade reports for freshmen due, 12:00 noon
March	13	Tuesday	Classes end
	14	Wednesday	Free day
	15-21	Thursday	Final examinations

Spring Term

March	29	Thursday	Day Session classes begin, 8:30 a.m. Evening Session classes begin, 7:00 p.m.
May	3	Thursday	Mid-term grade reports for freshmen due, 12:00 noon
June	5	Tuesday	Classes end
	6	Wednesday	Free day
	7-13	Thursday	Final examinations
	14	Thursday	Baccalaureate, 11:00 a.m.
	16	Saturday	Commencement, 10:30 a.m.

Summer Session
1962

June	20	Wednesday	Registration
	21	Thursday	Classes begin
July	4	Wednesday	Independence Day holiday
August	8	Wednesday	Classes end
	9		Free Day
	10	Friday	Final examinations

CALENDAR

1961

JULY

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AUGUST

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1962

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JULY

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DECEMBER

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